

**SYRACUSE SUPPLY  
COMPANY  
SYRACUSE, N.Y.**

CATALOG 110-B  
1954

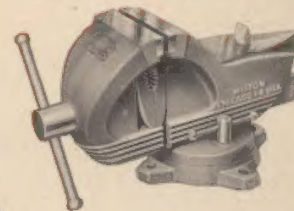
**WILTON**

THE FINEST NAME IN VISES

WORK POSITIONERS



HOME SHOP VISES



POWER VISES



INDUSTRIAL

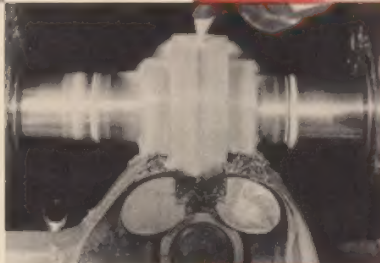
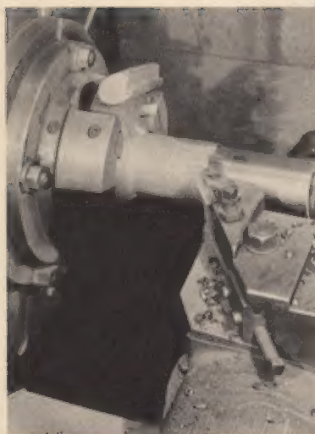
"C" CLAMPS





# COMPLETE CONTROL FROM CASTING TO PACKAGING

**T**HE art of mass producing fine tools is taken for granted at Wilton. Incoming supplies and castings from our modern, partly owned foundry are carefully controlled. Machining operations follow one another with frequent tolerance checks. Pride in good workmanship is bolstered at Wilton by management's insistence on a uniformly excellent product. The final step from assembly bench to package combines two superlatives: Wilton product design and machining, with Wilton packaging.



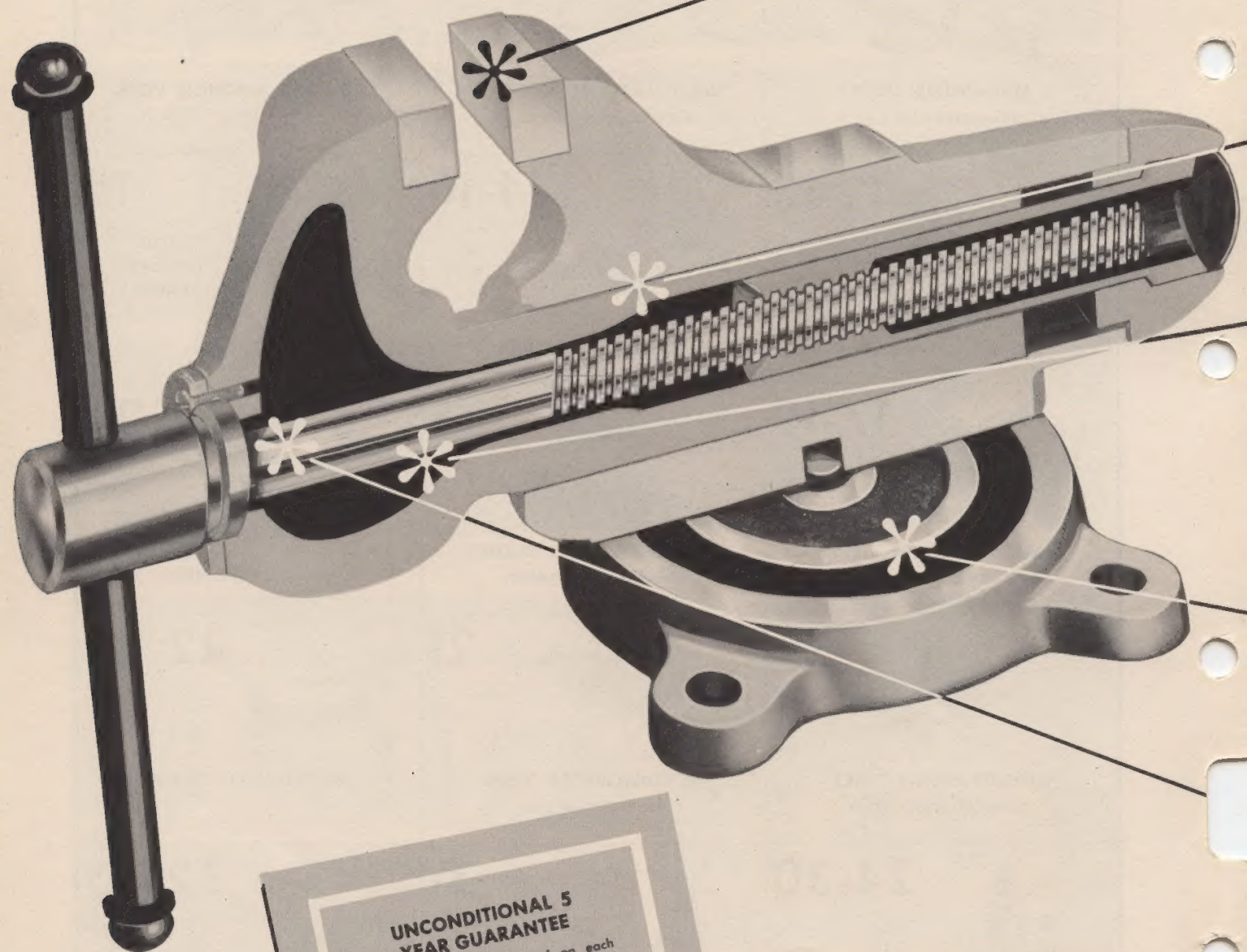
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*the Wilton Machinists' Vise.... premium product of*

**WILTON**

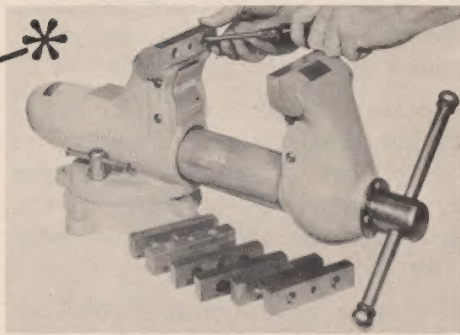
finest name in vises



**UNCONDITIONAL 5  
YEAR GUARANTEE**

Expiration date is stamped on each  
vise. Lifetime guarantee against  
defective materials or poor workman-  
ship.

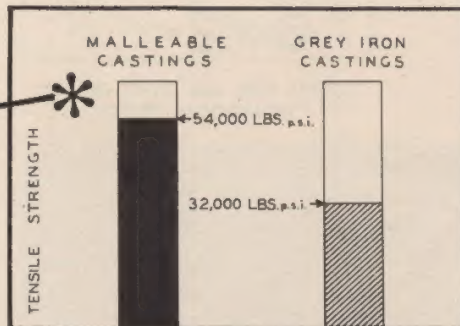
# ENGINEERED FOR GREATER POWER ...LONGER LIFE



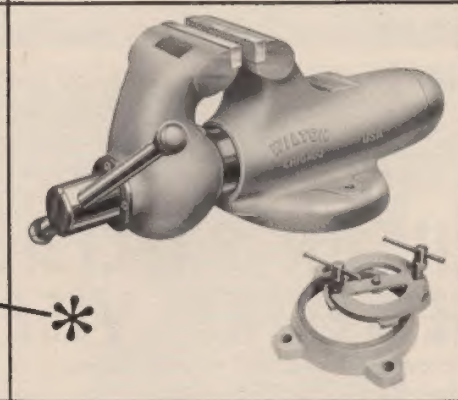
Removable, reversible, and interchangeable jaws. Standard jaws are diamond serrated. These may be replaced by smooth ground jaws of soft or hard steel, or jaws of solid brass, copper or fibre.



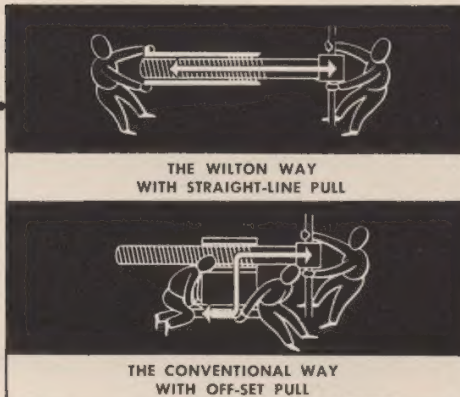
Tolerances as low as .002" made possible by round shape of vise. Steel key-way assures smooth, accurate movement. Body of vise is designed as a sealed unit — keeps internal parts clean and lubricated.



Malleable castings used in the assembly of Wilton vises are stronger, practically indestructible, ranging as high as 63,000 lbs. per square inch tensile strength.



NEW SWIVEL BASES just introduced have 360° rotation and more positive locking action. All Wilton vises are convertible between stationary and swivel types by attaching or removing base assembly.



The only vise with the straight-line pull and floating nut. This creates an even, central pull, eliminates unnatural strain on the nut and precision cut spindle. Handles have finger-protecting rubber gromets on each end.

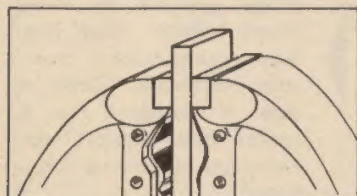
# COMBINATION PIPE & BENCH VISES



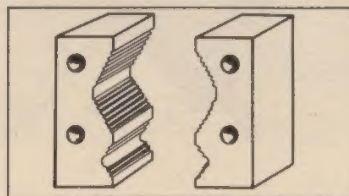
Most rugged and accurate vise built. Follows the famous Wilton design on pages 4 and 5. Accepted standard of the petroleum industry.

Pipe jaws are milled from solid cubes of steel, case hardened. Pipe jaws do not interfere with operation of top jaws. Each vise carries Unconditional 5 Year Guarantee.

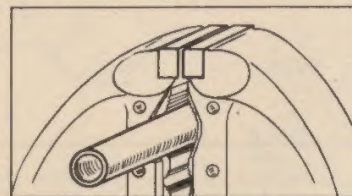
Swivel base type conforms with Federal Specification GGG-V-436a (and 436b), Type IV, and MIL-V-15755. Only Wilton features Combination Pipe and Bench Vises in both stationary and swivel base types.



PIPE JAWS DO NOT INTERFERE WITH OPERATION OF TOP JAWS



CASE HARDENED PIPE JAWS — MILLED FROM SOLID STEEL



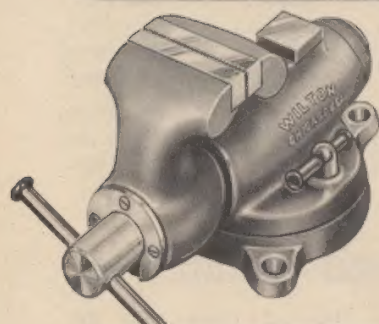
CLAMPS PIPE, BAR STOCK OR ANY CYLINDRICAL OBJECT

## COMBINATION PIPE AND BENCH VISES — SWIVEL BASE

Catalog Number	Jaw Width	Pipe Capacity	Maximum Opening	Depth of Throat	Approx. Ship. Wght.	List Price
C-0	3½"	⅛-2½"	4¼"	4⅞"	48 lbs.	\$35.00
C-1	4½"	⅛-3½"	5¾"	4¾"	70 lbs.	48.00
C-2	5"	⅛-4½"	6½"	5¾"	113 lbs.	76.00
C-3*	6"	⅛-6"	10"	7¼"	169 lbs.	120.00

## COMBINATION PIPE AND BENCH VISES — STATIONARY BASE

CN-0	3½"	⅛-2½"	4¼"	4⅞"	42 lbs.	32.00
CN-1	4½"	⅛-3½"	5¾"	4¾"	61 lbs.	43.00
CN-2	5"	⅛-4½"	6½"	5¾"	102 lbs.	70.00



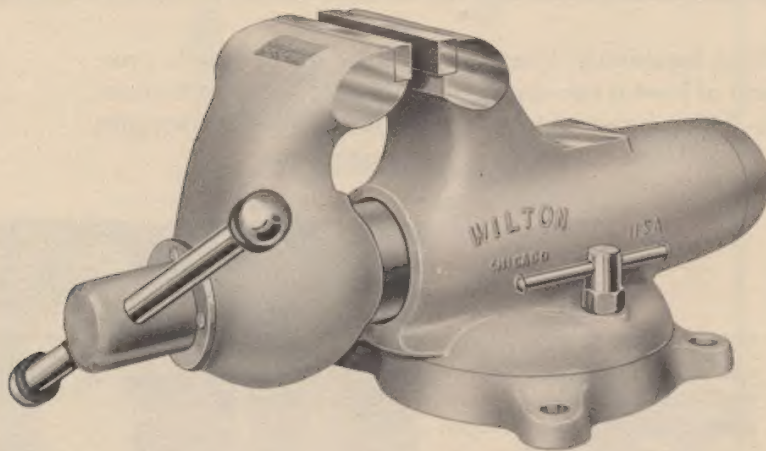
## WILTON PRECISION JEWELERS' VISES

Built to accurate design and tolerances shown on pages 4 and 5. Have great strength despite small size and precision. Conform with Federal Specification GGG-V-436a (and 436b), Type VI, and MIL-V-15755. Available with stationary or swivel base, and swiveling clamp base. See page 33 for available jaw insert materials.



Catalog Number	Description	Jaw Width	Max. Opening	Depth of Throat	Ship. Wght.	List Price
20S	Swivel base — plain anvil	2"	2¼"	1½"	4½ lbs.	\$14.73
20SA	Swivel — raised steel anvil	2"	2¼"	1½"	4¾ lbs.	15.71
20N	Stationary base — plain anvil	2"	2¼"	1½"	4 lbs.	12.96
20NA	Stationary — raised steel anvil	2"	2¼"	1½"	4¼ lbs.	14.11
20C	Clamp base — plain anvil	2"	2¼"	1½"	5½ lbs.	16.96
20CA	Clamp base — raised steel anvil	2"	2¼"	1½"	5¾ lbs.	18.11
25C	Clamp base — plain anvil	2½"	3"	2"	15½ lbs.	21.06

# WILTON MACHINISTS' BENCH VISES



## SWIVEL BASE TYPE

Built to the famous Wilton Design pictured on pages 4 and 5. Rugged and accurate. Each vise carries Unconditional 5 Year Guarantee. All sizes conform with Federal Specification GGG-V-436a (and 436b), Type VII, Class B, and MIL-V-15755.

Easily convertible to stationary base type. Serrated steel jaws installed unless other type specified. Optional jaw types listed on page 33.

Catalog Number	Jaw Width	Maximum Opening	Depth of Throat	Spindle Diameter	Approx. Ship. Wght.	List Price
250S	2½"	3"	2"	½"	13 lbs.	\$19.47
300S	3"	4¾"	2⅝"	⅝"	29 lbs.	26.00
350S	3½"	5¼"	2¾"	¾"	41 lbs.	30.00
400S	4"	6½"	3½"	⅞"	58 lbs.	34.00
450S	4½"	7½"	4⅞"	⅞"	69 lbs.	40.00
500S	5"	8"	4¼"	1"	85 lbs.	60.00
600S	6"	9"	4⅝"	1"	127 lbs.	104.00
800S*	8"	12"	5½"	1¼"	248 lbs.	196.00



## STATIONARY BASE TYPE

Easily convertible to swivel base type by addition of swivel assembly. Built to rugged and accurate design on pages 4 and 5. Each vise carries Unconditional 5 Year Guarantee.

All sizes conform with Federal Specification GGG-V-436a (and 436b), Type VII, Class A, and MIL-V-15755. Serrated, hardened steel jaws installed unless other type specified. Optional jaw types and swivel assemblies listed on page 33.

Catalog Number	Jaw Width	Maximum Opening	Depth of Throat	Spindle Diameter	Approx. Ship. Wght.	List Price
250N	2½"	3"	2"	½"	11 lbs.	\$15.06
300N	3"	4¾"	2⅝"	⅝"	25 lbs.	20.00
350N	3½"	5¼"	2¾"	¾"	35 lbs.	22.50
400N	4"	6½"	3½"	⅞"	49 lbs.	25.50
450N	4½"	7½"	4⅞"	⅞"	60 lbs.	31.00
500N	5"	8"	4¼"	1"	75 lbs.	40.00
600N	6"	9"	4⅝"	1"	115 lbs.	78.00
800N*	8"	12"	5½"	1¼"	227 lbs.	150.00

\*Items indicated by asterisk are not Wilton products but are available at competitive prices for the convenience of our customers.

# WILTOMATIC POWER BENCH VISES

## *the worlds first...*

WiltOmatic Bench Vises are regular Wilton Machinists' Vises actuated by air-hydraulic pressure. With WiltOmatic Vises pre-setting of jaws is rapidly and simply accomplished by turning vise handle. Time required for pre-setting between jobs is negligible! WiltOmatics give fast, permanent clamping force. They're real time savers on repeat operations.



### **WiltOmatic IS FAST**

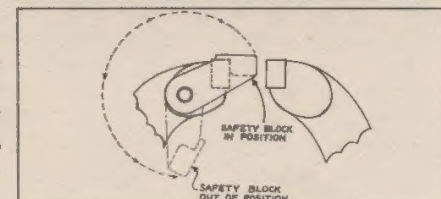
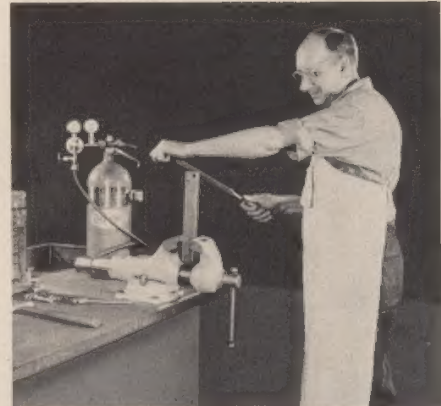
Here WiltOmatic is used with foot pedal that frees both the worker's hands for more production with less fatigue; there's NO PUMPING — compressed air does the work. Operator can remove foot from pedal — work piece stays clamped permanently until foot pedal is released by heel pressure.

**WiltOmatic IS PORTABLE,** can be used anywhere operating from a cylinder of compressed air or liquid nitrogen for hydraulic operation (or without it for just manual operation). WiltOmatic is practical for plants of any size because compressed air lines are not mandatory.

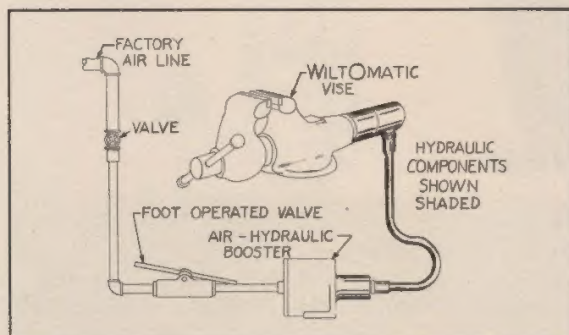
**WiltOmatic's SUPER STRENGTH** makes it ideal for heavy duty work such as grinding and chipping. Hydraulic booster cylinder converts and multiplies air pressure, produces powerful vibration-proof grip.

**WiltOmatic IS SAFE** because close pre-setting of jaws leaves no clearance for anything but the work piece. First work piece can be clamped manually, then handle is backed off ¼ turn; this reduces length of power stroke to about ⅛".

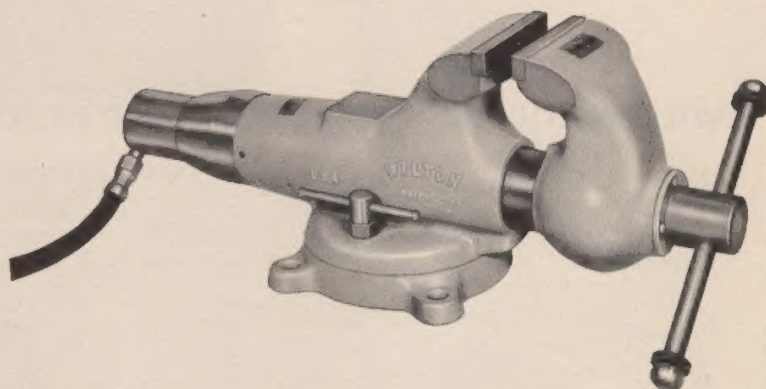
**NEW SAFETY BLOCK FEATURE** eliminates personal injury hazard! When safety block is in position, the jaws will not close if pedal is unintentionally pressed.



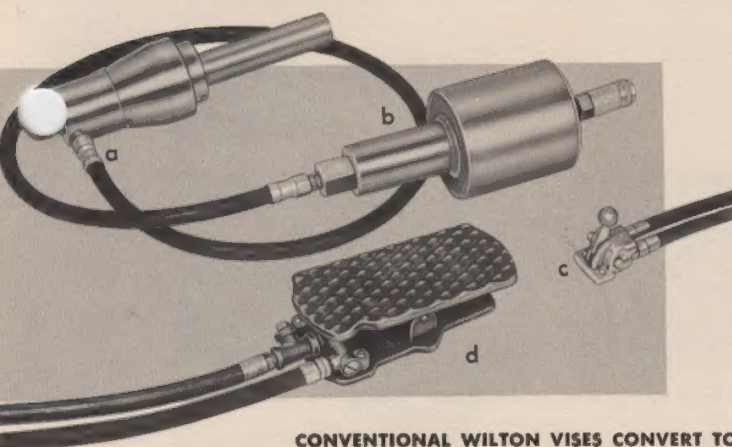
# ... air-hydraulic and manual powered bench vise



Operation of WiltOmatic is shown in the diagram above. Incoming air pressure is fed into a "booster" chamber, where it is converted into hydraulic force. Rated jaw locking force is based on normal factory air pressure (100 psi). Air reduction valve placed in system will control air pressure and determine locking force between jaws.



- length of power stroke adjustable without tools
- tremendous power achieved with air-hydraulic booster
- clamping force adjustable from zero to maximum
- usable with air pressures from 15 to 150 psi
- conventional vise handle for convenient manual pre-setting of jaws
- operates as manual or hydraulic vise alternately
- power action does not spin the handle



## CONVENTIONAL WILTON VISES CONVERT TO WiltOmatic IN 3 MINUTES!

Your present Wilton Vise (in sizes listed on next page) can be converted easily with a Conversion Assembly. All you have to do is remove the nut and end-piece and replace it with the WiltOmatic assembly (a).

### Conversion Assembly Includes:

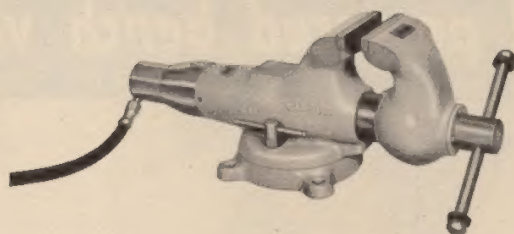
WiltOmatic end-piece assembly (a); air-hydraulic booster (b); foot pedal OR hand lever control (c); and 11 feet of hose with 1/4" couplings (d).

## specifications and prices of WiltOmatic conversion assemblies

Catalog No. of Conversion Assembly	For Use with Conventional Wilton Vises, Catalog No.	Approx. Ship. Weight	List Price, Conversion Assembly, only
X-250	250S, 250N	16 lbs.	\$76.13
X-400	400S, 400N, 450S, 450N, C-1, CN-1	22 lbs.	90.50
X-600	600S, 600N, C-2, CN-2	38 lbs.	134.00

CONTINUED ON NEXT PAGE

# WILTOMATIC POWER BENCH VISES



## WILTOMATIC AIR-HYDRAULIC POWER BENCH VISES

### SWIVEL BASE TYPE

Catalog Number	Jaw Width	Max. Jaw Opening	Max. Length Power Stroke	Estimated Jaw Locking Force at 100 lbs. Air Press.	Convertible from Wilton Vise No.	Approx. Ship. Weight	List Price Complete*
WS-250	2½"	3"	¾"	2513 lbs.	250S	28 lbs.	\$95.60
WS-400	4"	7"	½"	4712 lbs.	400S	74 lbs.	124.50
WS-450	4½"	8"	½"	4712 lbs.	450S	84 lbs.	130.50
WS-600	6"	9"	½"	6891 lbs.	600S	162 lbs.	238.00

### STATIONARY BASE TYPE

Catalog Number	Jaw Width	Max. Jaw Opening	Max. Length Power Stroke	Estimated Jaw Locking Force at 100 lbs. Air Press.	Convertible from Wilton Vise No.	Approx. Ship. Weight	List Price Complete*
WN-250	2½"	3"	¾"	2513 lbs.	250N	26 lbs.	\$91.19
WN-400	4"	7"	½"	4712 lbs.	400N	67 lbs.	115.50
WN-450	4½"	8"	½"	4712 lbs.	450N	77 lbs.	121.50
WN-600	6"	9"	½"	6891 lbs.	600N	151 lbs.	212.00

## WILTOMATIC POWER PIPE AND BENCH VISES



### SWIVEL BASE TYPE

Catalog Number	Jaw Width	Pipe Capacity	Max. Length Power Stroke	Estimated Jaw Locking Force at 100 lbs. Air Press.	Convertible from Wilton Vise No.	Approx. Ship. Weight	List Price Complete*
WC-1	4½"	Pipe cap. ⅝-3½"	¾"	4712 lbs.	C-1	88 lbs.	\$138.50
WC-2	5"	Pipe cap. ⅝-4½"	1"	4712 lbs.	C-2	148 lbs.	210.00

\*List price includes complete WILTOMATIC VISE, air hydraulic booster, foot pedal OR hand control lever, and 11 feet of hose with ¼" couplings.

## WILTOMATIC REPLACEMENT PARTS

For Wiltomatic Bench Vise  
Catalog Number

	W-250	W-400	W-450	W-600	WC-1	WC-2
Cat. No. ABX 246 Air-hydraulic booster	\$44.00	\$49.00	\$49.00	\$68.00	\$49.00	\$68.00
Cat. No. HRM 248 Hydraulic ram with end piece and nut	29.00	41.00	41.00	56.00	41.00	56.00
Cat. No. FP 252 Foot pedal control	7.00	7.00	7.00	7.00	7.00	7.00
Cat. No. HS 254 Hand lever control	12.10	12.10	12.10	12.10	12.10	12.10

### REPLACEMENT HOSE SECTIONS

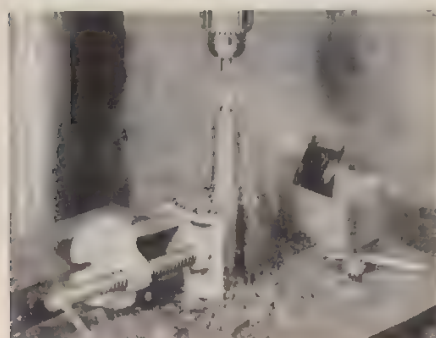
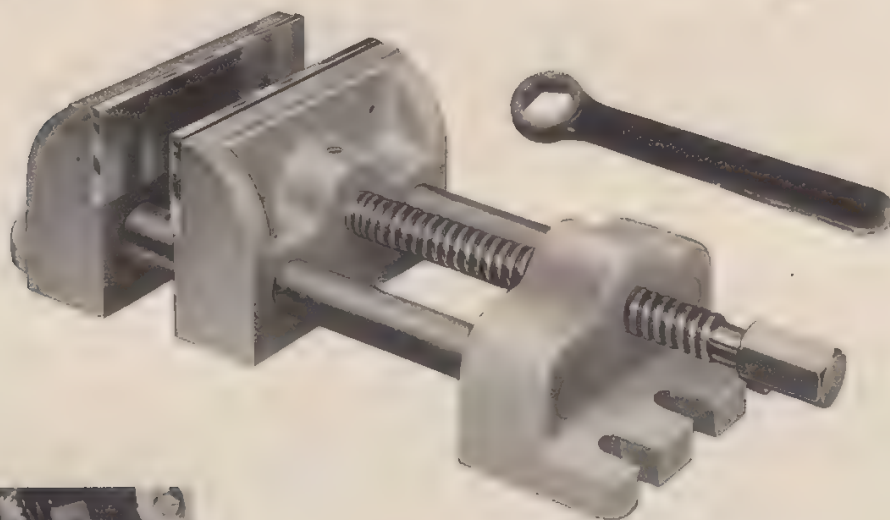
All Wiltomatic vise sizes use identical ¼" air and hydraulic hoses and ¼" standard pipe thread couplings. Hose leading to air outlet carries female pipe thread coupling which will fit any standard make of ¼" adaptor for quick-acting couplings.

Each complete set consists of the following three sections:

For extra length of hose only, per foot

(a) 3 Ft. air hose from pedal to booster, with couplings	\$ 4.62	\$ .45
(b) 8 Ft. air hose from pedal to air outlet, with couplings	6.75	.45
(c) 4 Ft. hydraulic reinforced rubber hose from booster to vise, complete with couplings	6.50	1.74

# DRILL PRESS & MACHINE VISES



## ★ Now Available With or Without Steel Jaw Inserts

Design improvements now incorporated into these Wilton-built Machine Vises include heavier and stronger guide bar construction, and availability of precision-fitted, removable steel jaw inserts. All sizes now constructed with bronze bushings for smoother operation and greater locking power.

Precisely fitted guide bars guarantee accuracy. Simplified design discards much "dead weight" common to competitive types, making possible unusually favorable prices.

Strong enough for use on any machining operation. Slots in feet are spaced for convenient bolting to machine table. Usable either flat or on one side. Series "1250" vises have vertical and horizontal V-grooves cast in for holding round parts.

**SPINDLE HEADS and HANDLES:** No. 1251 has round spindle head and slide bar handle. No. 1252-62 have hex head and slide bar handle. No. 1253-63 have hex head and separate forged steel wrench (included without extra charge with each vise).



### SERIES "1260" VISES — STEEL JAW INSERTS

Catalog Number	Jaw Width	Maximum Opening	Depth to Bars	Over-all Height	Approx. Ship. Wght.	List Price
1262	4½"	4½"	1¾"	3¾"	25 lbs.	\$28.40
1263	6"	6"	2¼"	4¼"	46 lbs.	52.80



### SERIES "1250" VISES — MACHINED JAW SURFACES

Catalog Number	Jaw Width	Maximum Opening	Depth to Bars	Over-all Height	Approx. Ship. Wght.	List Price
1251	3"	3"	1½"	2¾"	7 lbs.	\$7.90
1252	4½"	4½"	1¾"	3¾"	24 lbs.	22.20
1253	6"	6"	2¼"	4¼"	44 lbs.	44.00

### MACHINE VISE REPLACEMENT PARTS

Catalog Number	Description	Approx. Ship. Wght.	List Price
10-1262	Steel jaw inserts (pair) 4½"x1½"	2 lbs.	\$6.20
10-1263	Steel jaw inserts (pair) 6"x2"	3 lbs.	8.80
3-1263	Forged steel wrench (for No. 1253-63)	4 lbs.	4.90

For Efficient Machining USE WILTON'S

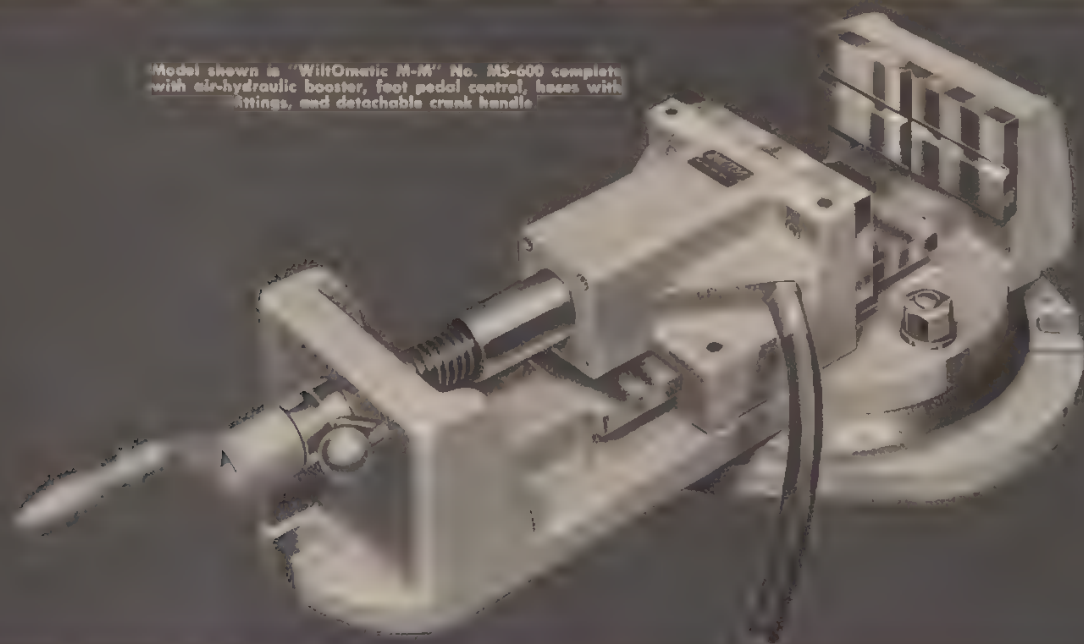
# "WiltOmatic M-M"

## air powered hydraulic vises

and save money on production, milling, drilling, grinding, shaping & broaching!



Model shown is "WiltOmatic M-M" No. MS-600 complete with air-hydraulic booster, foot pedal control, hoses with fittings, and detachable crank handle.



The "WiltOmatic M-M" has unlimited production advantages because **it's powerful, fast, and pumpless!**

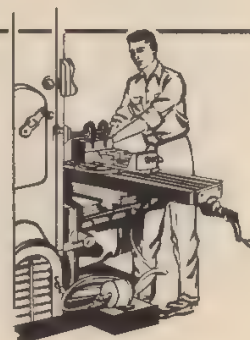
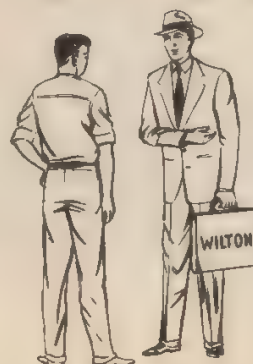
- ★ Cuts loading time by as much as 80%! Locking and opening of jaws is almost instantaneous under power operation.
- ★ Pays for itself in days with savings in production wages, greater output per machine.
- ★ Often saves expensive production tooling — can be used as automatic holding fixture by inserting specially formed jaws.
- ★ No pumping — one touch locks the jaws until the foot pedal is reversed. Air does the work!
- ★ 9040 lbs. locking force on normal air line pressure — 3 times as much as manually. 2000 clamping operations per hour are possible.
- ★ 7/16" power stroke at any jaw setting — opens up to 6 1/4".
- ★ Lower, more compact than many manual vises. No diaphragm to interfere with cutters — nothing extends above the jaws.
- ★ Completely enclosed; no chips or dirt can enter to clog the vise.
- ★ Precision ground, smooth steel jaws have accurate vertical and horizontal V-grooves. Steel gibs are surface ground, easily replaceable.

"WiltOmatic M-M" installs in minutes

To operate, just hook line into any air outlet. Step on the pedal to engage the powerful air-hydraulic action, or use the conventional crank for manual operation. No pumping needed — no set screws or stops to adjust.

IF YOU WANT TO SEE YOUR PRODUCTION COSTS DROP, ASK FOR A  
FREE DEMONSTRATION OF "WiltOmatic M-M" IN YOUR PLANT!

12 THERE'S NO OBLIGATION INVOLVED.

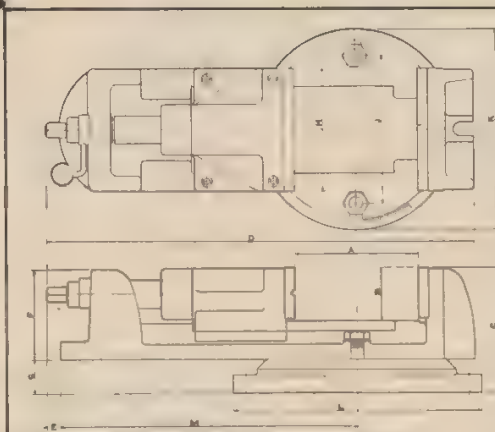




## SPECIFICATIONS

### "WiltOmatic M-M" air powered hydraulic vises

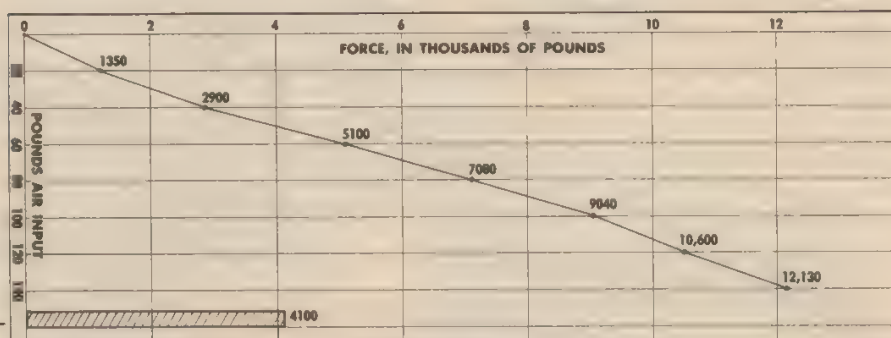
KEY  
DIMENSIONS



A	B	C	D	E	F
6 1/4"	2 1/4"	6 1/4"	20 1/4"	3 1/4"	4 1/2"
G	H	J	K	L	M
1 1/4"	6"	7 1/4"	9 3/4"	12 1/4"	14 1/2"

Compact size of "WiltOmatic M-M" makes it ideal for use on any equipment. Vise is flat along top surface—no diaphragm to interfere with cutters. This power vise actually has less height than most manual machine vises.

PERFORMANCE  
CHART



Maximum clamping force with—  
average manual vise



Catalog No.	Width of Jaws	Jaw Depth	Maximum Usable Opening	Rated Clamping Force (at 100 p.s.i., air-input)	Approximate Shipping Weight Complete with Accessories	Price, Complete with Accessories
MN-600 (without swivel base)	6"	2 1/4"	6 1/4"	9040 lbs.	120 lbs.	\$224.00
MS-600 (with graduated swivel base)	6"	2 1/4"	6 1/4"	9040 lbs.	155 lbs.	\$296.00

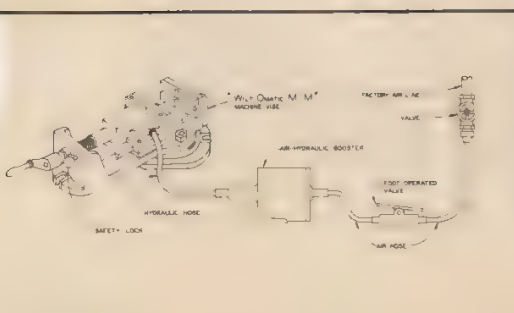
"WiltOmatic MM" Vise combines the swift, effortless action of compressed air with the permanent and powerful force of a hydraulic system. This air-hydraulic operation eliminates the "mushiness" of straight air, as well as the tedious pumping (and leakage tendency) of straight hydraulic vises.

The air-hydraulic booster cylinder is connected to the vise by a wire braided hydraulic hose; it should be placed on the floor behind the machine.

A safety lock is built into each vise as standard equipment. It holds the spindle securely in position during machining to prevent accidental loosening due to vibration of the machine.

### "WILTOMATIC M-M" REPLACEMENT PARTS

Swivel base, graduated	Vise jaws, smooth steel, per pair	Air-hydraulic booster cylinder	Movable jaw assembly, complete	Screw spindle and sleeve nut	Crank Handle	Foot Pedal air control
\$72.00	\$12.40	\$68.00	\$94.50	\$16.75	\$4.50	\$7.00



# Wilton

## CADET

## complete new line of Mechanics' Bench Vises

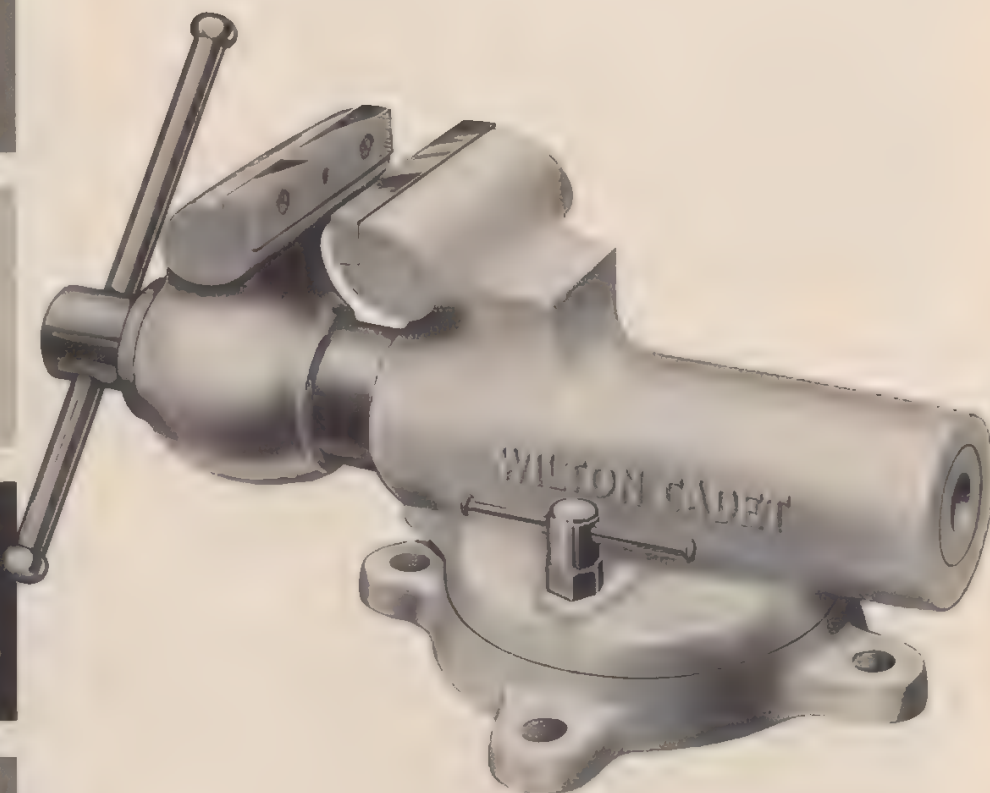
**HORIZONTALLY ANCHORED NUT** creates famous Wilton "straight-line-pull", eliminates twisting of nut and spindle common to competitive vises.

**RUGGED AND DURABLE CONSTRUCTION** combining malleable iron and semi-steel castings. Fully guaranteed for one year.

**SPINDLE AND NUT** protected by enclosed housing. Spindle and nut are grease-packed for lasting lubrication.

**HARDENED STEEL JAWS** are removable, replaceable and reversible. Made of high grade speed-treat steel with diamond serrations.

**ROUND BARREL** permits precision machining. Closer fit between movable and stationary sections prevents the entry of chips or grit.



### UNCONDITIONAL ONE YEAR GUARANTEE

Designed to fill the need for a vise better than conventional home-shop (or hardware) types, but not equal to Machinists' Vises; has some of the features of a fine Machinists' Vise, yet priced within reach of the average individual.

Wilton Cadet Vises are built to handle most jobs of the tradesman and mechanic. Recommended for the automotive service industry, and for quality minded home-craftsmen.

Swivel base locked firmly by 2 slide-bar nuts. Design is similar to Wilton Machinists' Vises, but has less weight, throat depth and jaw opening. Does not conform with Federal Specifications. Finished in durable, brilliant orange enamel.

Unconditionally guaranteed for one year, unless abused. Expiration date is stamped on each vise. Lifetime guarantee against defective materials or poor workmanship.

# Wilton CADET...

designed and priced for

## the Tradesman and Auto Mechanic



Catalog Number	Jaw Width	Maximum Opening	Depth of Throat	Approx. Ship. Wght.	List Price
135	3½"	4"	2¼"	22 lbs.	\$19.80
140	4"	5¼"	2¾"	39 lbs.	27.50
145	4½"	5¼"	2¾"	42 lbs.	29.80
150	5"	6½"	3⅞"	55 lbs.	39.60

### WILTON CADET REPLACEMENT PARTS

To Fit Cadet Vise No.	Part #10 Steel Jaws, per pair	Part #4 Horseshoe Collar	Part #6 End Piece	Part #7 Main Nut	Part #8 Movable Front Jaw	Assembly #9 Main body complete	Part #12 Screw Spindle & Handle	Assembly #13 Swivel base, complete
135	\$3.60	\$ .85	\$1.10	\$2.65	\$5.65	\$5.40	\$3.50	\$5.40
140	4.10	1.35	1.90	4.05	9.40	9.15	4.80	8.65
145	4.60	1.45	2.05	4.20	11.10	10.85	5.80	9.10
150	5.80	1.90	2.80	4.85	16.70	16.25	6.65	13.50

## Attractive Display Stand Available To Wilton Distributors



All steel display stand is finished in deep green baked enamel. Compact, sturdy design requires less than 3 square feet of floor space. Dimensions are 14" x 30" x 50". Weight of stand empty — 70 lbs.

### DISPLAY STAND ASSORTMENT FOR AUTOMOTIVE DISTRIBUTORS:

Wilton Cadet Mechanics' Vises Nos. 135, 140, 145  
Wilton Machinists' Vises Nos. 350S, 400S, 450S, C-1

### DISPLAY STAND ASSORTMENT FOR INDUSTRIAL DISTRIBUTORS:

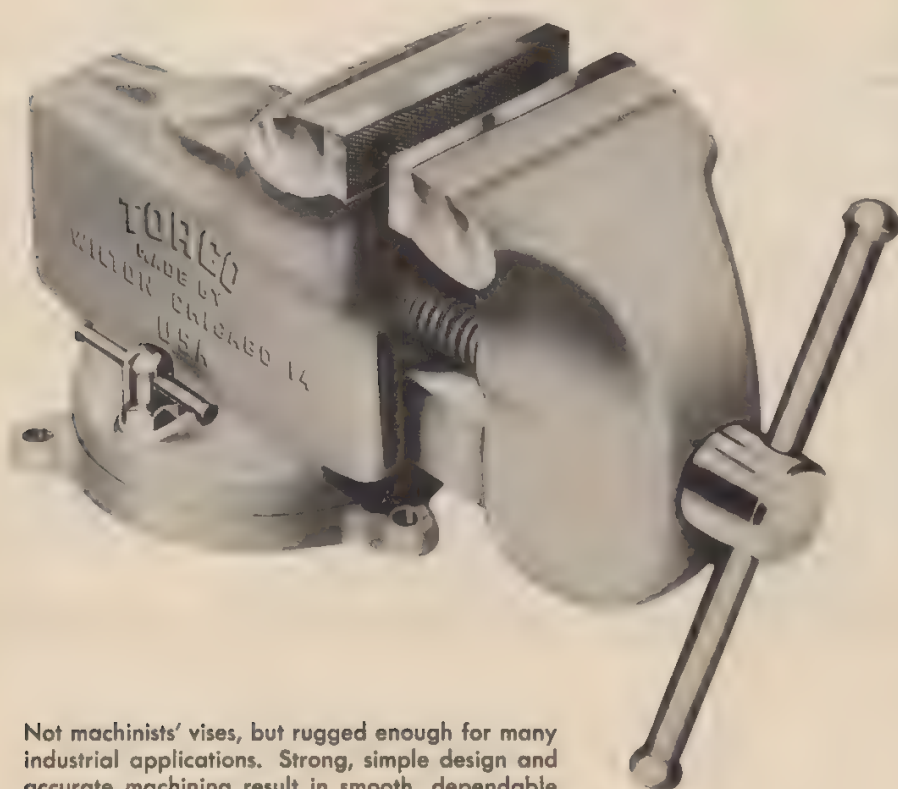
Wilton Vises Nos. 250S, 300S, 350S, 400S, 450S, 500S, C-1

### DISTRIBUTORS' COST OF DISPLAY STAND

When purchased alone .....\$22.50  
With order for 7 vises, as shown ..... 10.00  
With \$250.00 net minimum order for vises on pages 6, 7, 15 and 16 N/C

# TORCO BENCH VISES

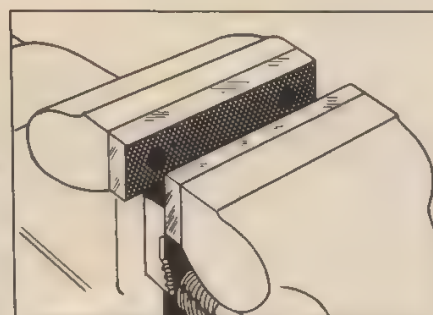
for medium and light duty commercial use



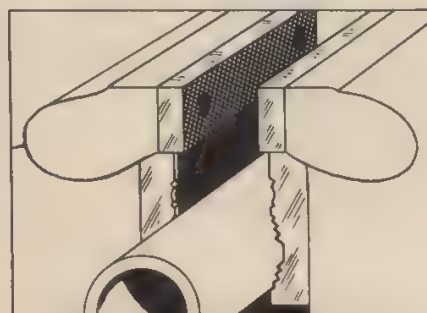
Not machinists' vises, but rugged enough for many industrial applications. Strong, simple design and accurate machining result in smooth, dependable performance.

Ideal tool for service stations, repair shops, light manufacturing. Moderately priced. Rectangular body covers and protects spindle screw and slide bar.

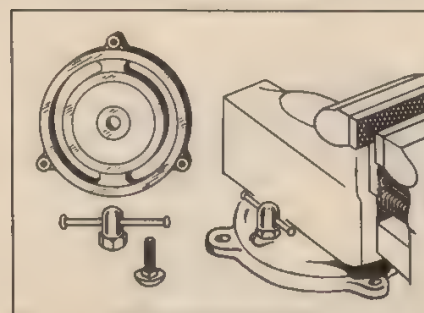
Available with or without hardened steel pipe jaws. All types equipped with serrated, hardened steel top jaws. Swivel base locked firmly by 2 slide-bar nuts.



HARDENED SERRATED JAWS — REMOVABLE AND INTERCHANGEABLE



HARDENED STEEL REMOVABLE PIPE JAWS



WISE BASE AND SWIVEL FULLY MACHINED

Catalog Number	Description	Jaw Width	Maximum Opening	Approx. Ship. Wght.	List Price
435	With Pipe Jaws	3½"	4"	24 lbs.	\$15.20
440	With Pipe Jaws	4"	4¼"	26 lbs.	18.30
235	Without Pipe Jaws	3½"	4"	23 lbs.	13.90
240	Without Pipe Jaws	4"	4¼"	25 lbs.	16.70

## TORCO REPLACEMENT PARTS

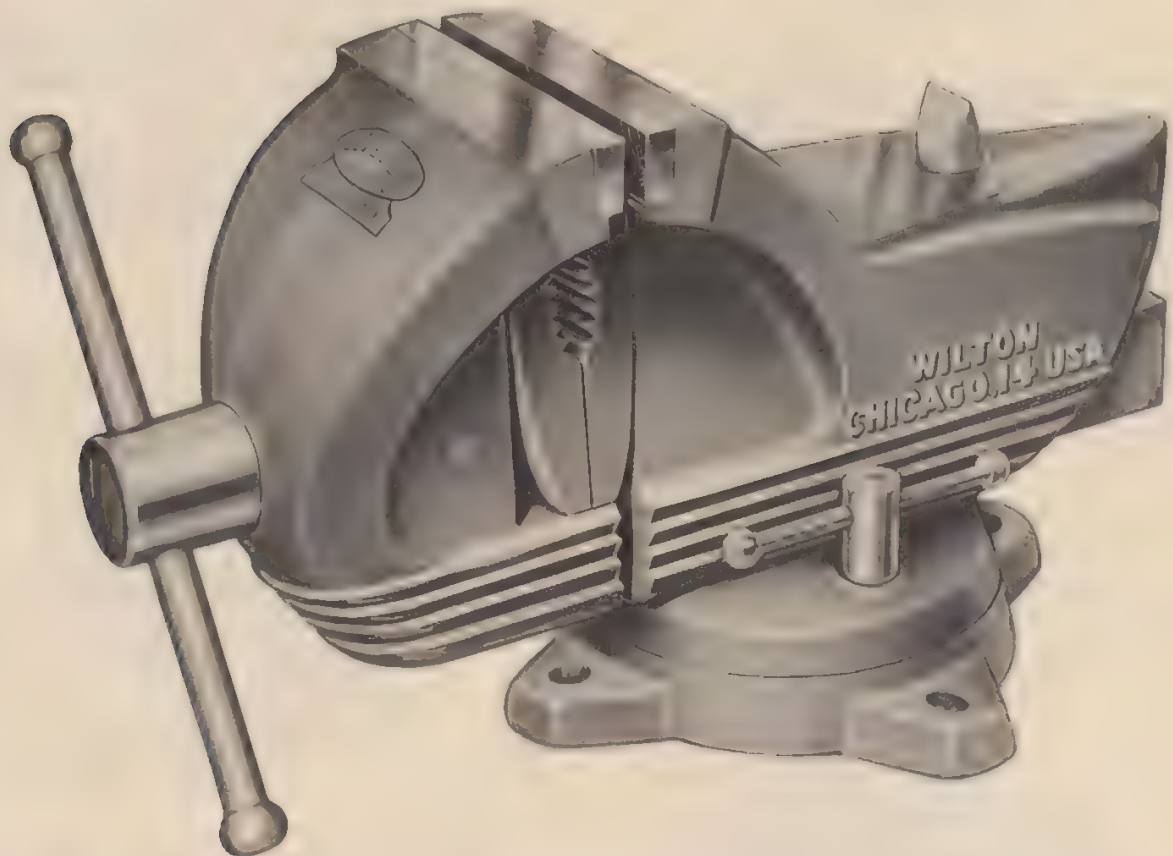
Torco Vise Jaw Size	Movable Front Jaw	Main Body Complete	Swivel Base Assembly	Screw Spindle	Top Jaws	Pipe Jaws
3½"	\$6.10	\$5.50	\$4.25	\$2.50	\$2.05	\$2.10
4"	\$6.95	\$6.45	\$5.30	\$2.85	\$2.30	\$2.10

# THE SHOP KING

## Wilton's beautiful hardware vise

- ★ **Most complete range of sizes**
- ★ **Most stunning in appearance**
- ★ **Most value for the customer's dollar**

Each vise equipped with removable pipe jaws, cut-off tool, and serrated, hardened steel top jaws. Swivel base locked firmly by slide-bar nut. Continuous lines near bottom of body and bright red enamel finish enhance the dashing appearance. Multicolored merchandise tag attached to each vise speeds turnover at retail level. Packaging is designed for easiest handling and stocking.



Catalog Number	Jaw Width	Maximum Opening	Pipe Capacity	Units Per Case	Ship. Wght. Each	List Price Each
633	3"	3½"	0-1½"	4	16 lbs.	\$8.50
633½	3½"	4"	0-1½"	4	21 lbs.	9.80
634	4"	4½"	0-2"	3	30 lbs.	14.50
635L	5"LD	5"	0-2"	2	34 lbs.	16.50
635	5"HD	5"	0-2½"	1	44 lbs.	26.00

### SHOP KING REPLACEMENT PARTS

Catalog Number	Swivel Base Complete	Cut Off Tool, Hardy	Stationary Base	Movable Front Jaw	Top Jaws Per Pair	Pipe Jaws Per Pair
633-633½	\$2.50	\$ .60	\$4.60	\$4.90	\$2.05	\$1.40
634-635L	3.10	.60	6.00	6.50	2.30	1.70
635	3.80	.60	8.60	9.70	2.45	2.10

# ALL STEEL COUNTER DISPLAY STANDS

These attractive all-metal display stands serve as silent salesmen for hardware dealers. Wholesalers and dealers have increased vise volume considerably with the use of displays. We recommend that distributors stock these stands for resale to dealers. The assortments shown are time tested and sales proven.



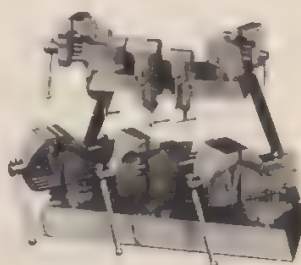
Cat. No.	Ship. Wght.	No. of Vises	List Price Complete
D-614	133	5	\$68.30

Includes the following vises: Shop King Vises 633, 633½, two 634, 635L, D-6 Display Stand. (above.)

STAND EMPTY — Cat. No. D-6,  
Dimensions 22" wide, 13" high,  
9" deep. LIST PRICE \$4.50.

Cat. No.	Ship. Wght.	No. of Vises	List Price Complete
D-615	73	7	\$46.80

Includes the following vises: Juno Vises 1102, 1112, 1110, 1105, Shop King Vises 633, 633½, Scout Vise 735, D-6 Display Stand. (below, left.)

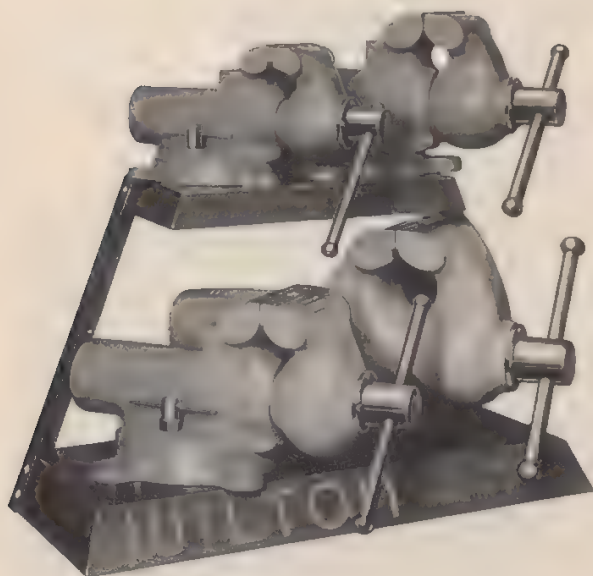


Cat. No.	Ship. Wght.	No. of Vises	List Price Complete
D-616	95	7	\$57.40

Includes the following vises: JUNO Vises 1102, 1112, 1110, 1106, Scout Vise 737, Shop King Vises 633½, 634, D-6 Display Stand. (above, right.)

## SPECIAL ASSORTMENT FOR AUTOMOTIVE JOBBERS

The complete range of CADET vise sizes can be displayed in less than 1½ square feet of counter space. This assortment is popular among jobbers who know the importance of displaying vises, but whose volume does not justify investment in the larger floor-type display.

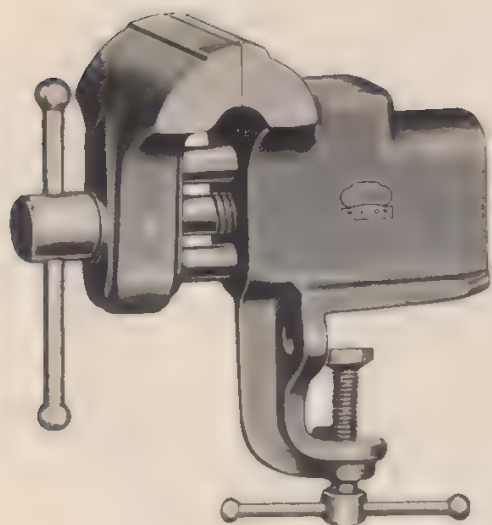


Catalog Number	Ship. Wght.	No. of Vises	List Price Complete
D-618	162 lbs.	4	\$120.72

Includes the following vises: Wilton CADET Vises 135, 140, 145, 150; D-6 Display Stand. (Illustrated at left.)

# JUNO BENCH VISES

## accurately built . . . least expensive



A full line of small hardware vises. Available with clamp base and swivel base construction.

Long body design covers and protects screw and guide rods. Finished in brilliant red enamel. Each vise is individually boxed, then repacked in convenient master carton.

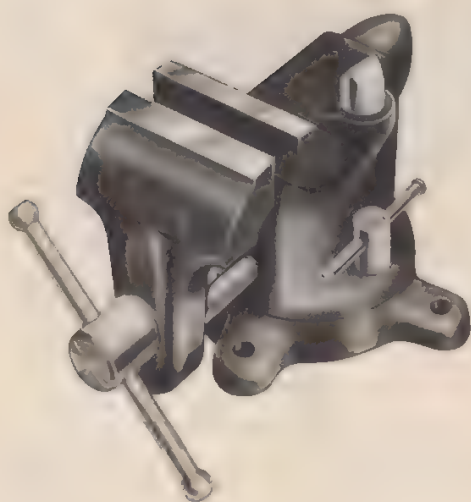
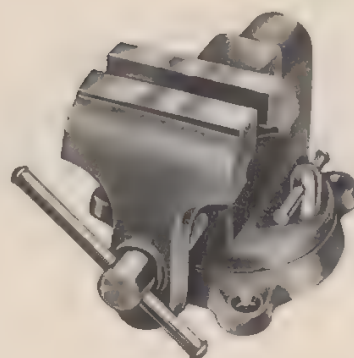


Illustration above, at left, represents 4 sizes of clamp base vises. All are designed for home workshop use except No. 1113,\* which is heavy duty version for Armed Forces and industrial repair kits.

Swivel base vise No. 1105 is shown in center picture. No. 1106, shown below at left, comes equipped with steel pipe jaws and Hardy cut-off.

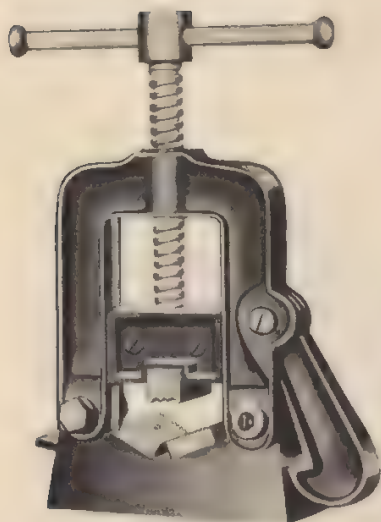
### JUNO VISES — STATIONARY CLAMP BASES

Catalog Number	Jaw Width	Maximum Opening	Units Per Case	Ship. Wght. Per Case	List Price Each
1110	1½"	1½"	12	25 lbs.	\$2.40
1112	2½"	2¼"	6	25 lbs.	3.40
1102	3"	3"	4	33 lbs.	7.20
1113*	2"HD	2¼"	6	27 lbs.	4.50

### JUNO VISES — SWIVEL BASE

1105	2½"	2¼"	6	27 lbs.	\$4.60
1106	3"	3"	4	42 lbs.	7.50

# WILTON HINGED PIPE VISES



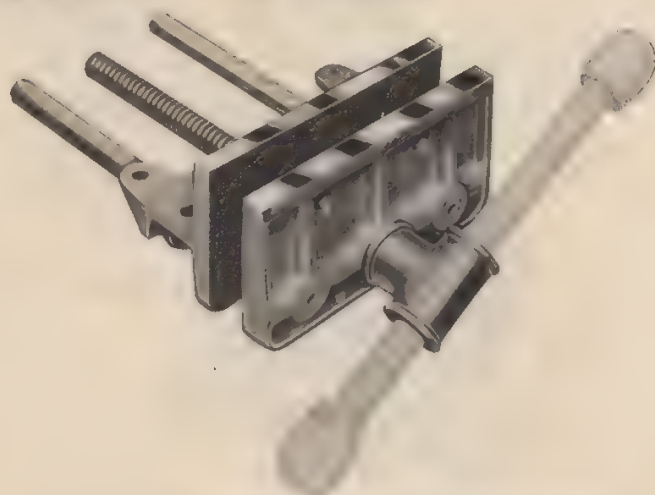
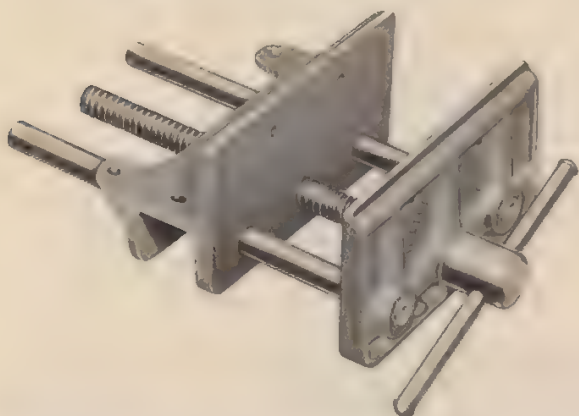
Made of malleable iron castings and cold drawn steel. Self-locking hook provides fast action. Grooved steel jaws are strong, long wearing. All sizes conform with Federal Specification GGG-V-436a (and 436b), Type X, Class B, and MIL-V-15755.

Catalog Number	Pipe Capacity	Overall Height	Approx. Ship. Wght.	List Price
51	1/8-1 1/4"	9 1/4"	5 1/2 lbs.	\$8.90
52	1/8-2"	10 1/4"	9 1/2 lbs.	10.80
53	1/8-2 1/2"	11 1/4"	13 lbs.	12.80
54	1/8-3 1/2"	15"	20 lbs.	19.20
55	1/8-4 1/2"	17"	32 lbs.	26.70

## JUNO WOODWORKERS' VISES

### home-shop type

All-metal construction, available in 2 sizes. Double guide bar construction. Smooth, accurate operation with minimum of free play. Castings are high quality grey iron with holes accurately drilled. Guide bars and screw are cold drawn steel. Available only in continuous screw type.



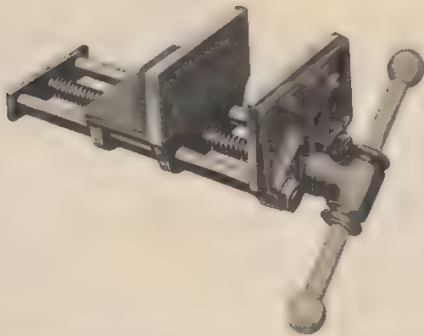
Body is finished in brilliant red enamel. Entire vise has clean cut appearance and represents real value for the home craftsman.

Packed in cartons of 4 and 8 for easy stacking and handling. Available with wood or steel handles.

Number Catalog	Width Jaw	Description	Units Per Case	Ship. Wght. Per Case	List Price Each
1202	5 1/2 x 2 3/4"	Steel handle	8	40 lbs.	\$3.90
1203W	6 1/2 x 3 1/2"	Wood handle	4	46 lbs.	7.80

# WILTON WOODWORKERS' VISES

## professional type... with dog in front jaw

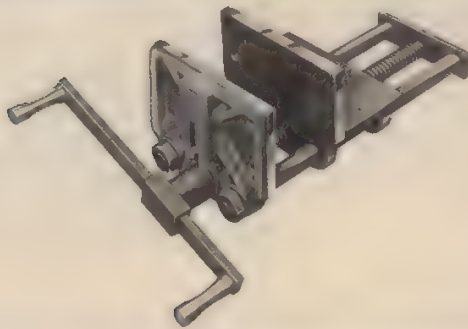


### CONTINUOUS SCREW — WOOD HANDLE

Sturdy, accurately machined vises with hardwood handles and dog in front jaw. These are standard type recommended for general carpenter shop work.

Finished in battleship gray enamel; individually packed in heavy carton. Conform with Federal Specification GGG-V-436a (and b), Type XIII, Class A.

Catalog Number	Description	Jaw Size	Maximum Opening	Approx. Ship. Wght.	List Price
61	Continuous Screw	4x7"	9"	29 lbs.	\$17.50
62	Continuous Screw	4x10"	12"	34 lbs.	20.50

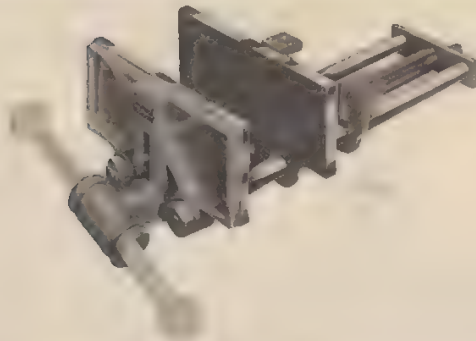


### CONTINUOUS SCREW — STEEL HANDLE

Same vises as above, except with flat steel handles. Steel handle slides smoothly through machined center bracket; crank on each end of handle swivels, avoiding hand irritation.

All numbers have dog in front jaw. Parts are closely machined and interchangeable, finished in battleship gray enamel. Individually packed in heavy carton.

Catalog Number	Description	Jaw Size	Maximum Opening	Approx. Ship. Wght.	List Price
61S	Continuous Screw	4x7"	9"	31 lbs.	\$18.50
62S	Continuous Screw	4x10"	12"	37 lbs.	21.50



### RAPID ACTING — WOOD HANDLE

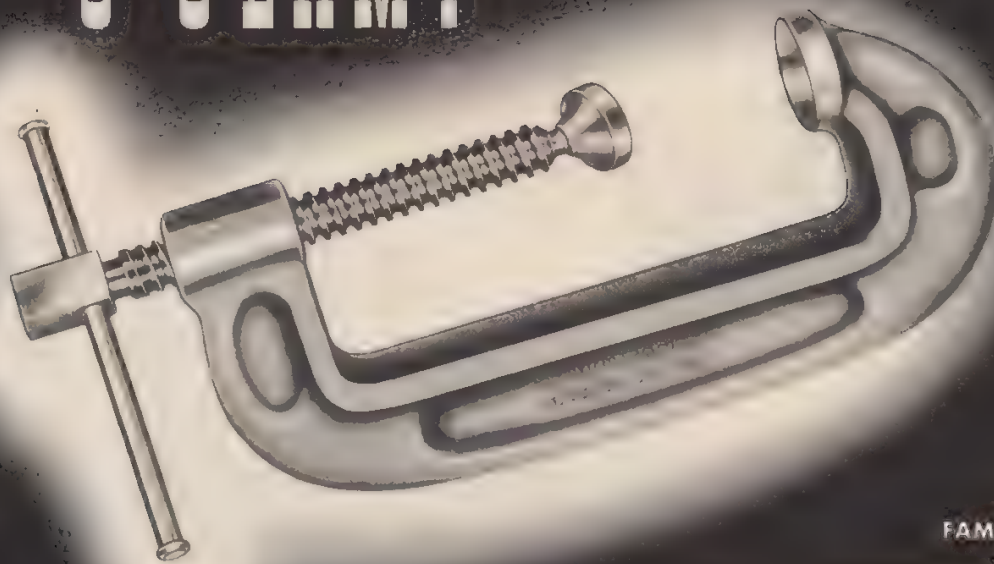
With screw in disengaged position, front jaw is free to slide full length of vise without rotation of handle. With jaw set in desired position, vise locks and tightens easily with one-half revolution of handle.

Main screw has intercepted threads which operate in a bronze half-nut. Conform with Federal Specification GGG-V-436a (and b), Type XIII, Class B.

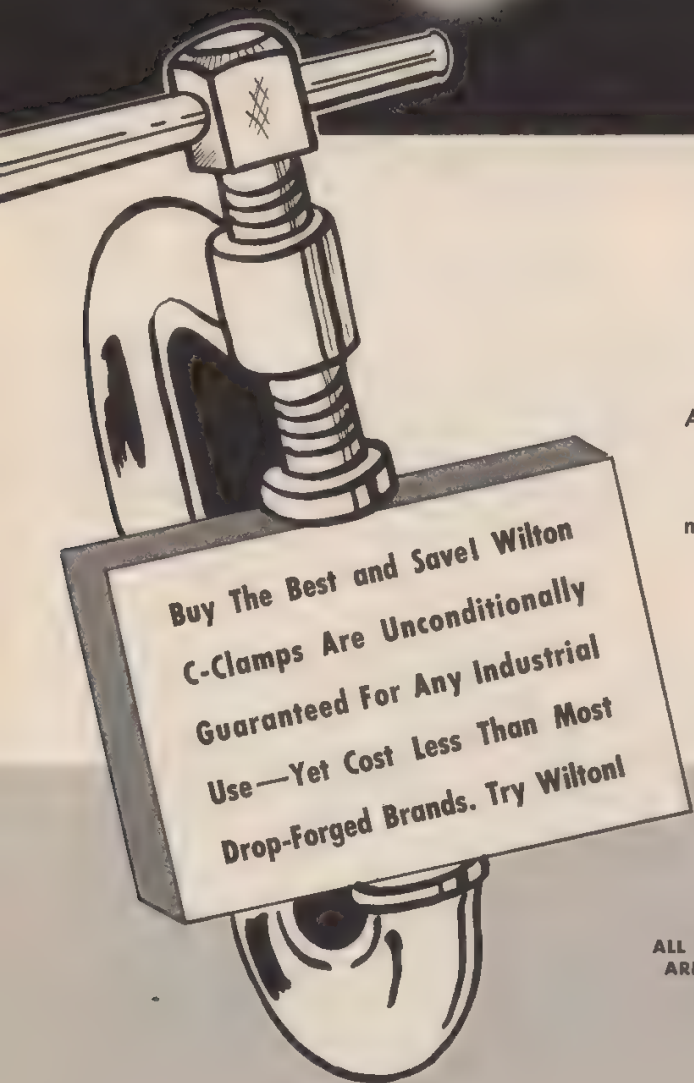
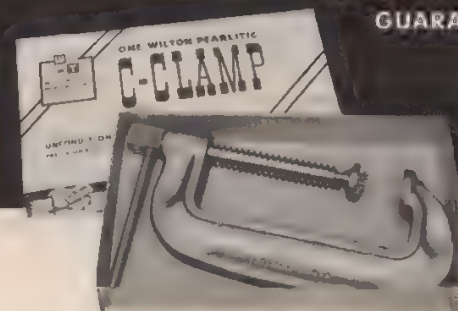
Catalog Number	Description	Jaw Size	Maximum Opening	Approx. Ship. Wght.	List Price
63	Rapid Acting	4x7"	9"	32 lbs.	\$20.00
64	Rapid Acting	4x10"	12"	38 lbs.	23.00

HI-TENSILE DUCTILE ALLOY

# C-CLAMP



BACKED BY THE  
FAMOUS WILTON  
UNCONDITIONAL  
GUARANTEE!



Wilton C-clamps are made of Hi-tensile ductile alloy with cold drawn steel screws, handles, and malleable iron swivel pads. Hi-tensile ductile alloy is a newly developed process with the capacity of forged steel. Clamps are stress tested on our hydraulic testing machine to insure uniformity. All Wilton clamps conform with *Federal Specifications* and carry an *unconditional factory guarantee*.

Each Wilton C-clamp is finished in a handsome battleship grey finish and individually boxed. Sturdy boxes with metal edges, can be stacked in tool cribs and distributors' shelves. Contents of each box are clearly marked on end flap for immediate identification.

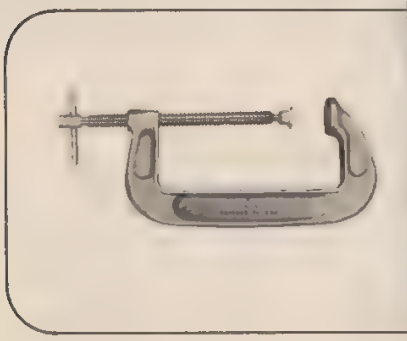
ALL WILTON CLAMPS  
ARE NOW FINISHED  
IN BATTLESHIP  
GREY ENAMEL



## WILTON REGULAR DUTY C-CLAMPS

Recommended for use on all but the heaviest of industrial operations. Series "500" C-clamps conform with Federal Specifications GGG-C-406, Type I, Class A, Style I, (light service) and MIL-C-15768 (light).

Spatter resistant copper plated spindles available at 15% extra. Cat. nos. 508-512 available upon request with full capacity spindles at extra charge of 15%.



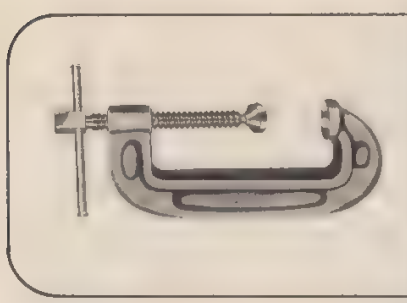
### SERIES "500" C-CLAMPS — REGULAR DUTY

Catalog Number	Capacity	Throat Depth	Spindle Diameter	Proof Test Min.	Units Per Case	Ship. Wght. Per Case	List Price Each
502	0"-2"	1 3/4"	3/16"	2200 lbs.	12	13 lbs.	\$ 1.38
503	0"-3"	2"	1/2"	2400 lbs.	12	25 lbs.	1.68
504	0"-4"	2 3/8"	1/2"	3000 lbs.	12	34 lbs.	2.10
506	0"-6"	3"	5/8"	3700 lbs.	6	22 lbs.	2.88
508	2"-8"	3 3/8"	5/8"	4500 lbs.	6	37 lbs.	4.10
510	2"-10"	3 3/4"	3/4"	5400 lbs.	4	33 lbs.	5.08
512	4"-12"	4"	3/4"	7600 lbs.	4	43 lbs.	6.60

## WILTON HEAVY DUTY C-CLAMPS

Spindles have special heavy duty square heads for wrench tightening. Series "900" C-clamps conform with Federal Specifications GGG-C-406, Type I, Class B, Style I, (medium service) and MIL-C-17768 (medium).

Spatter resistant copper plated spindles available upon request at 15% extra. Cat. nos. 906-912 available upon request with full capacity spindles at extra charge of 15%.



### SERIES "900" C-CLAMPS — HEAVY DUTY

Catalog Number	Capacity	Throat Depth	Spindle Diameter	Proof Test Min.	Units Per Case	Ship. Wght. Per Case	List Price Each
904	0"-4"	2 1/4"	3/4"	8,000 lbs.	12	62 lbs.	\$ 4.33
906	2"-6"	2 3/8"	3/4"	9,000 lbs.	6	36 lbs.	5.30
908	4"-8"	2 3/8"	3/4"	10,000 lbs.	6	47 lbs.	6.42
910	6"-10"	2 3/8"	3/4"	11,000 lbs.	4	38 lbs.	7.64
912	8"-12"	3 1/4"	3/4"	12,000 lbs.	4	58 lbs.	8.68

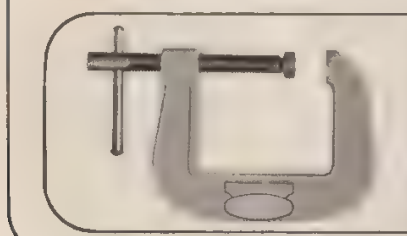
## NEW DEEP THROAT BODY CLAMPS

Deep throat body clamps are made of Hi-tensile ductile alloy with cold drawn steel handles and pads. They are equipped with National Course threads, round spindle heads, with slide bar handles.

Each size conforms with Federal Specifications GGG-C-

406, Type I, Class E, (very light service) and MIL-C-15768 (very light).

These clamps are guaranteed only against defective parts and workmanship. Each shipping case contains 3 cartons of 12 No. 401 1/2, or 4 cartons of 6 No. 402 1/2.



### SERIES "400" C-CLAMPS — LIGHT DUTY

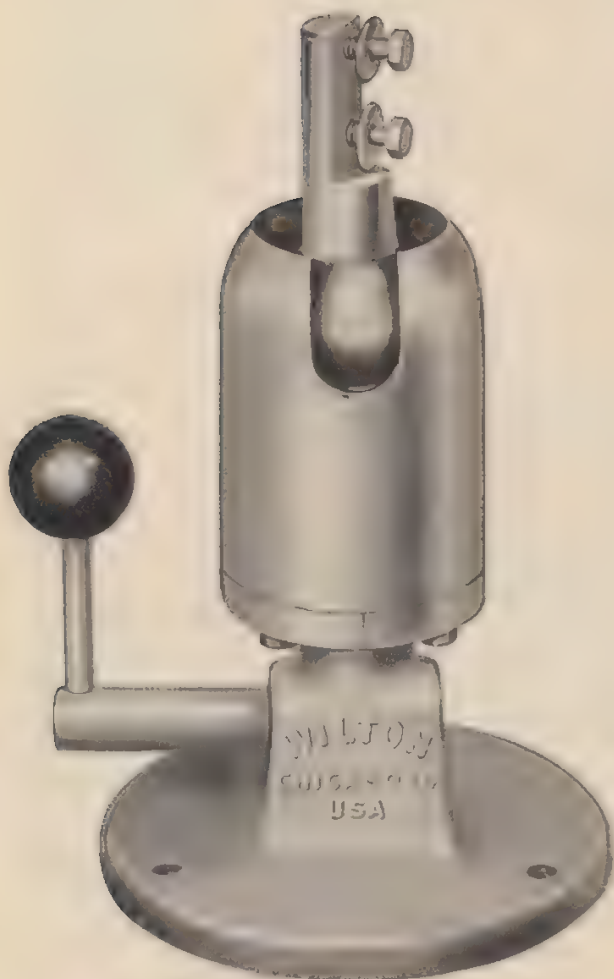
Catalog Number	Capacity	Throat Depth	Spindle Diameter	Proof Test Min.	Units Per Case	Ship. Wght. Per Dozen	List Price Per Dozen
401 1/2	1 1/2"	1 1/2"	5/16"	450 lbs.	36	6 lbs.	\$ 5.76
402 1/2	2 1/2"	2 1/2"	3/16"	600 lbs.	24	13 lbs.	11.64

### C-CLAMP REPLACEMENT PARTS

For C-Clamp Number	Swivel Pad	Spindle and Handle (Without pad)
502	\$ .35	\$ .42
503	.35	.48
504	.35	.57
506, 508, 510, 512	.35	.84
904, 906, 908, 910, 912	.45	1.34

# Wilton Powrarm

## POSITIONS WORK WITH



### WHY POWRARM?

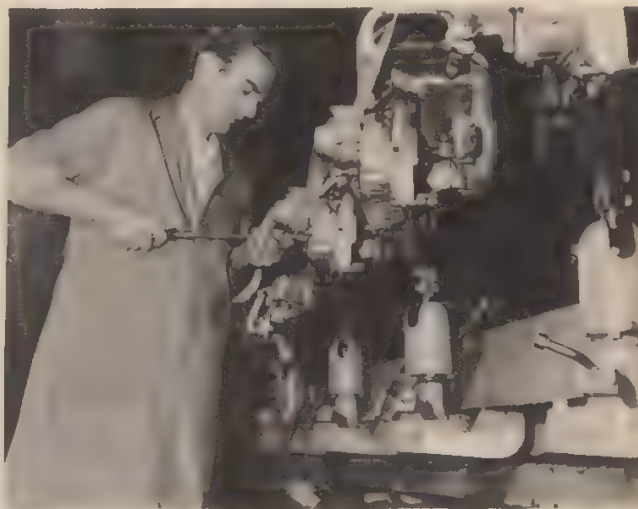
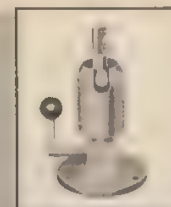
Wilton's PowRarm Work Positioner bridges the gap between manual production and assembly, and the completely automatic push-button factory.

Wilton PowRarm has a two-fold contribution to industry; it places work positioning equipment in many plants which would otherwise use less efficient, stationary fixtures. Secondly, it makes available on a commercial basis the same positioning equipment which many plants would otherwise manufacture in their own toolrooms at much higher cost. PowRarm Positioners permit the work piece to be positioned in any angle for convenient approach. By supporting the work firmly, the positioner frees both of the operator's hands for production.



### WHERE POWRARM IS USED

PowRarm Work Positioners are effective on any operation (whether production, assembly, service, or repair) where the work is approached from more than one angle. Typical operations are screw setting, filing, wrench tightening, soldering, welding and inspecting. On a stationary application, PowRarm makes it possible to insert the work in a holding fixture only once for a number of multiple operations; the work piece can be re-positioned for each operation. Used in moving installations (i.e., conveyor belts), PowRarm takes the basic part of a product and carries it through an entire process. At the last station, the finished product is removed from the fixture, and the empty PowRarm returns to begin the cycle again.



## BOTH HANDS FREE



### OPERATION OF POWRARM

The basic operation common to all PowRarm models consists of a swivel ball with a rigid extension, to which can be attached a vise or holding fixture. The ball is free to rotate in all three planes with the PowRarm released, but locks firmly when the PowRarm is tightened.

The four PowRarm models differ chiefly in size and capacity. Models 343 and 301 have direct mechanical connection between control handle and swivel ball — capacity is 24 lbs. and 70 lbs., respectively. Models 303 and 302 are both hydraulically operated, with capacity of 150 lbs. and 1000 lbs., respectively. All models are built from sturdy materials, will stand up under continuous industrial use for many years.



### WHO USES POWRARM ?

A listing of PowRarm users reads like a roster of our most efficient and progressive manufacturers. A few of the names, representing several industries, are listed here:

Minneapolis-Honeywell  
Cummins Diesel Engine  
Johnson Outboard Motor  
A.C. Spark Plug Div.  
Ford Motor Co.  
Eastman Kodak  
Magnavox  
Sperry-Gyroscope

International Business Machines  
Chrysler Corporation  
General Electric  
Hughes Aircraft  
McCulloch Motors  
Motorola  
Bendix  
General Motors



# HEAVY DUTY POWRARM

Strongest, most rugged model of the PowRarm line. This unit carries up to 1000 pounds work weight for assembly and repair work. Great strength is equally useful in supporting lighter work pieces during hammering, chipping, and machining operations. Especially suited to cleaning and snagging castings in foundries.

Body machined from top quality meehanite castings. All steel parts are cadmium plated. Price of unit includes heavy steel mounting plate containing 19 conveniently spaced bolt holes, and steel handle which fits all 3 control wheels. Blueprint on request.

**OPERATION:** This unit is fitted with a safety control which prevents sudden release of heavy work loads. Proper adjustment of the safety control is recommended for each new operation. First release master control (a) and jam nut (c). Now tighten safety control (b) gradually until locking force of PowRarm just balances weight of work piece; at this point, the PowRarm should support the work in any set position but still respond to hand pressure. With work weight balanced, tighten (a) snugly against body, jamming (b). Master control (a) will now operate the unit without possibility of work droppage.



Catalog Number	Maximum Work Wght.	Base Dimensions	Over-all Height	Overall Length	Approx. Ship. Wght.	List Price
302	1000 lbs. at 12"	6½"x9"	6½"	19"	76 lbs.	\$228.00

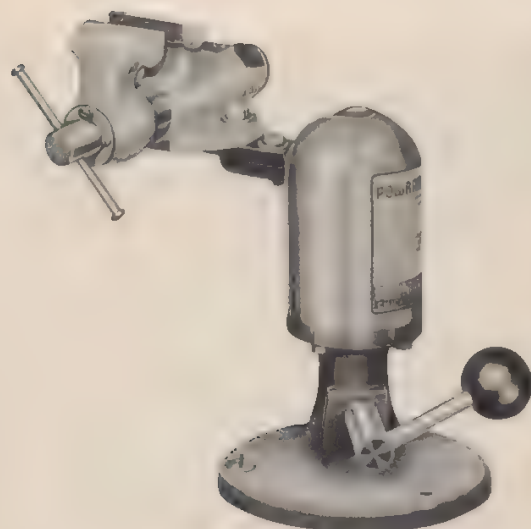
## POWRARM & VISE COMBINATIONS

### Mechanical or Hydraulic Powrarm with Wilton Vises

Wilton Vise No. 20N, 25N, or 30N can be attached directly to either No. 301 or 303 Powrarm. Makes a powerful combination for hand work in tool rooms, finishing and inspection departments.

Steel bracket connecting vise with Powrarm included with each set. Vises available with steel, brass, or plastic fibre jaws.

Makes possible one-time clamping of each work piece, with Powrarm used to shift angle or position.



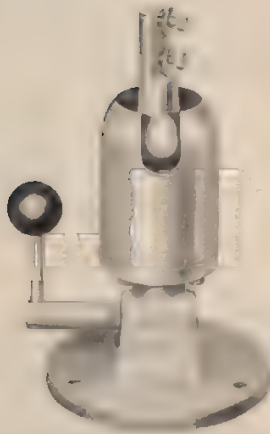
#### MECHANICAL POWRARM WITH "WILTON" VISES

Catalog Number	Description	Jaw Width—Vise	Approx. Ship. Wght.	List Price
3012	With No. 20N Vise	2"	17 lbs.	\$38.56
3015	With No. 25N Vise	2½"	24 lbs.	40.66
3013	With No. 30N Vise	3"	32 lbs.	45.60

#### HYDRAULIC POWRARM WITH "WILTON" VISES

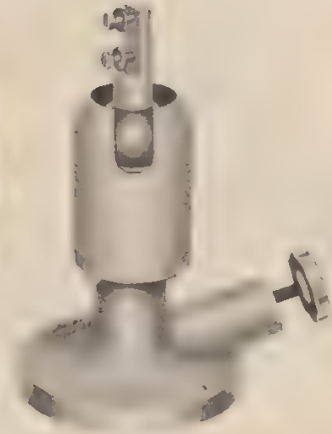
Catalog Number	Description	Jaw Width—Vise	Approx. Ship. Wght.	List Price
3032	With No. 20N Vise	2"	20 lbs.	\$49.07
3035	With No. 25N Vise	2½"	27 lbs.	51.17
3033	With No. 30N Vise	3"	35 lbs.	56.11

# POWRARM BASIC UNITS



## Mechanical Powrarm No. 301

Medium capacity positioner ideal for rapid mass production operations. Has fastest on-off action with handle conveniently accessible. For any industrial operation with final work weight below 70 lbs. Steel parts cadmium plated. Attachment mounting dimensions at right.



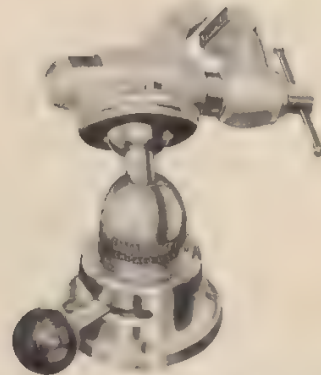
## Hydraulic Powrarm No. 303

For heavier assembly, production and tool room applications. Hydraulic locking mechanism increases holding capacity to 150 lbs. On-off action is slower, making possible change of position under partial tension. Steel parts cadmium plated. Attachment mounting dimensions at left.



## Junior Powrarm No. 343

Light duty version of "Mechanical", is ideal for electronics industry and many sub-assembly operations. Body is cast aluminum. Steel parts cadmium plated. Has rapid on-off action. Attachment mounting dimensions at right. For use with most standard attachments requires addition of "T"-bracket (shown on next page).

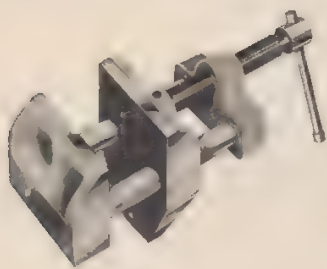


## Junior with Vise No. 341

Popular Junior PowRarm with Wilton precision Jeweler's Vise attached. Ideal combination for many light weight operations. Construction of PowRarm described at left. Vise is malleable iron, machined to tolerances as low as .002". Built as sealed unit with lifetime lubrication. Vise jaws are 2" wide, available in several styles (see page 33). Serrated steel jaws are standard.

Catalog Number	Maximum Work Wght.	Base Diameter	Over-all Height	Approx. Ship. Wght.	Units Per Case	List Price
301	70 lbs. at 12"	6"	8½"	13 lbs.	3	\$25.60
303	150 lbs. at 12"	6"	8½"	14 lbs.	3	36.11
343	24 lbs. at 6"	4¼"	5¼"	4 lbs.	8	12.80
341	20 lbs. at 6"	4¼"	7½"	8 lbs.	6	25.76

# POWRARM COMBINATIONS



## Standard Filer's Vise

All-purpose tool with machined surfaces. V-grooves for holding rounds. Center casting has extension for attaching to No. 301 or 303 PowRarm. "T"-bracket required with Junior PowRarm (see inset).

Catalog Number .....307  
Shipping Weight.....5½ lbs.  
List Price, vise only.....\$10.50

Catalog Number .....342  
Price, complete with No. 343 & bracket \$24.60



## Cam-Acting Vise

For extremely light work only. High speed action is ideal for soldering and other light production. Opening adjustable up to ¾". Fibre jaws 2" wide, will not chip or burn. For use with Junior PowRarm.

Catalog Number .....308  
Shipping Weight.....4 lbs.  
List Price, vise only.....\$8.50

Catalog Number .....346  
Shipping Weight.....9 lbs.  
Price, complete with No. 343.....\$21.30

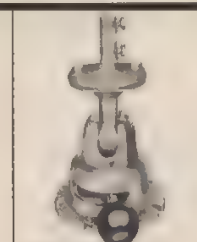


## Rapid Acting Production Vise

Has positive locking action, yet travels freely with screw and nut disengaged. Patented, undercut thread locks firmly into nut; comes free when screw pressure is released. Jaws are 3" wide, 1½" deep; max. opening 3". Attaches directly to No. 301 or 303 PowRarm (see inset). "T"-bracket required with Junior PowRarm.

Catalog Number .....318  
Shipping Weight.....7 lbs.  
List Price, vise only.....\$18.20

Catalog Number .....382  
Shipping Weight.....20 lbs.  
Price, complete with No. 301.....\$43.80



## "Tee" Bracket

Intermediate bracket required to connect most attachments to Junior PowRarm No. 343. Also used (in reverse) to attach Cam Vises No. 308 and No. 318 to PowRarm No. 301. Mounting holes on plate are ¼-20 with center distance 2¼". Mounting bolts on stem are 5/16-18, at 1" center distance.

Catalog Number .....349  
List Price, bracket only.....\$1.30

Catalog Number .....3419  
Price, complete with No. 343 PowRarm.....\$14.10

## PowRarm Bench Clamps

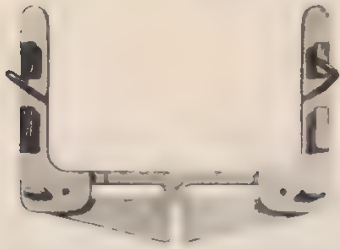
Recommended for field service and in shops. Securely fastens PowRarm to bench top without need for bolt holes. Small steel pads on bottom surfaces are for firmer grip (they should not be placed within PowRarm base holes).

Catalog Number of Clamp.....347  
To fit PowRarm Number.....301 & 303  
List Price, clamp only.....\$5.10

Catalog Number of Clamp.....347J  
To fit PowRarm Number.....343  
List Price, clamp only.....\$4.10



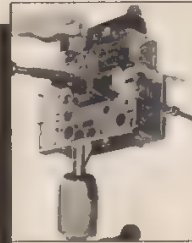
# POWRARM ATTACHMENTS



## Adjustable Universal Chassis

Attachment for most any rectangular shape like radios, office machines, electronic units, etc.

Cat. No.	328	329	331
Adjustable from	5-8"	6-13"	8-18"
Price	\$4.80	\$6.50	\$8.20



## Auto-Radio Chassis Holder

Will carry any auto and truck radio chassis up to 14" long and 6" high.

Cat. No.	344
Shipping Wght.	2½ lbs.
Price	\$7.80



## Quick Set Clamp

For holding irregularly shaped work like portable drills, armatures, grinders, bar stock, etc.

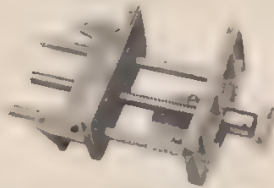
Cat. No.	304
Maximum Capacity	7"
Shipping Wght.	5½ lbs.
Price	\$7.40



## Heavy Duty Bracket Adjustable up to 24"

For television, radio, and large equipment. Recommended with PowRarm No. 303 and 302.

Cat. No.	333
Carrying Capacity	Up to 150 lbs.
Price	\$22.50



## Flat Plate Production Vise

Full length grooves ¼" deep in top of each jaw for holding flat parts (i.e., terminal plates). Jaws open to 7".

Cat. No.	362
Jaw dimensions	3½"x6½"
Shipping Wght.	11 lbs.
List Price	\$16.80



## Universal T-Slot Table

For general assembly, welding, testing, etc. Includes 2 universal clamps of 2¾" capacity.

Cat. No.	327
Table Diameter	12"
Shipping Wght.	12 lbs.
Price Complete	\$10.80



## Single Barrel Carburetor and Distributor Holder

For single barrel carburetors and distributors.

Cat. No.	309
Capacity	¾" to 1¾"
Weight	1 lb.
Price	\$3.00



## Double Barrel Carburetor Holder

For most recent model carburetors; also other work pieces with one dimension 4" or less.

Cat. No.	311
Weight	1½ lbs.
Price	\$3.60



## Magnetos Holders

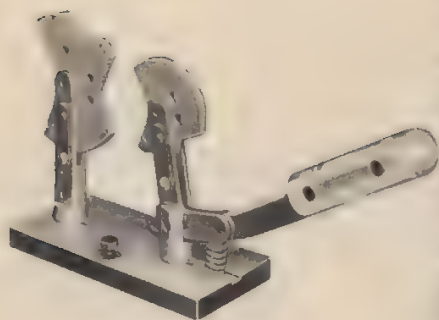
For any base type or flanged magneto. Recommended with PowRarm No. 303 and 301.

Cat. No.	313
Shipping Wght.	4 lbs.
Price	\$4.80

# POWRARM ACCESSORIES

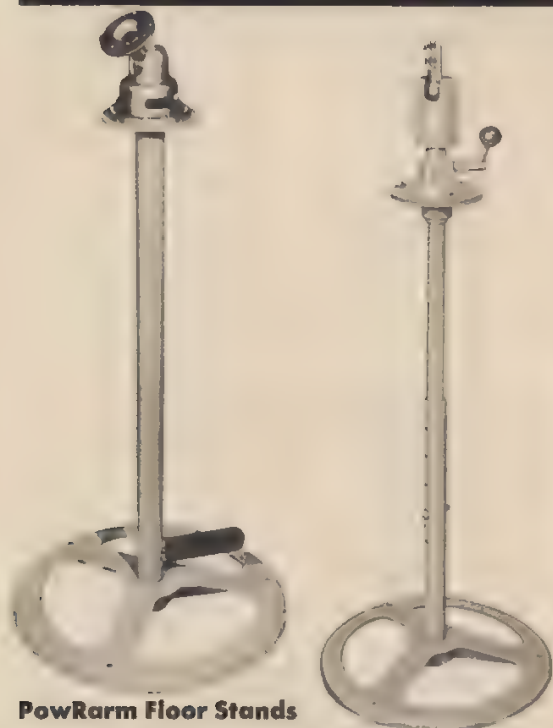
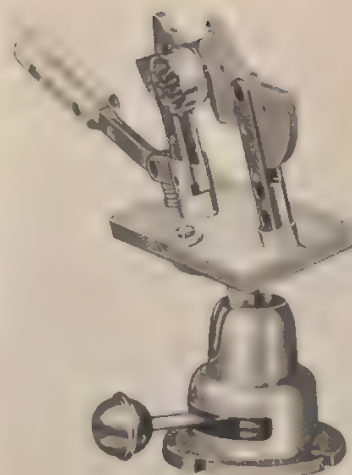
## Electric Cable Connector (Cannon Plug) Fixture

Specially designed, spring-loaded fixture is instantly adjustable, efficiently handles full range of electric cable connectors (i.e. Cannon Plugs) from 1/4" through 3 1/2" diameter. Leaves both sides of plug equally accessible. Loading and unloading achieved by depressing lever arm. Gripping plates will not crush threads on plastic and non-ferrous materials. Adjust for various plug sizes by rotating gripping plates to proper combination of angles. Ideal in combination with No. 343 Junior PowRarm. (This fixture [patent pending] is not a Wilton product, but is supplied for convenience of PowRarm users.)



Catalog Number.....371  
Shipping Weight.....5 lbs.  
List Price, fixture only.....\$28.00

Catalog Number.....373  
Shipping Weight.....9 lbs.  
Price, complete with No. 343.....\$40.80



## PowRarm Floor Stands

Available both as foot-operated (with Junior PowRarm only) and hand-operated (with Junior or Mechanical model). Foot-operator stand has fixed height of 36". Hand-operated stand adjustable from 37" to 45". Excellent modification of standard PowRarms for portable work, or where benches not available. 3 holes in base for bolting to floor.

Cat. No. Complete	Description	Ship. Wght.	List Price
350	Hand operated—with No. 343	32 lbs.	\$38.86
351	Hand operated—with No. 301	42 lbs.	\$1.66
353	Foot operated—with No. 343	31 lbs.	43.12



## Foot Pedal Attachment

For use with Mechanical PowRarm No. 301 only. For Hi-Speed Bench Operations.

Catalog No. ....299  
Adjustable  
Hght. .... 28-35"  
Ship. Wght. 8 1/2 lbs.  
Price .....\$13.78

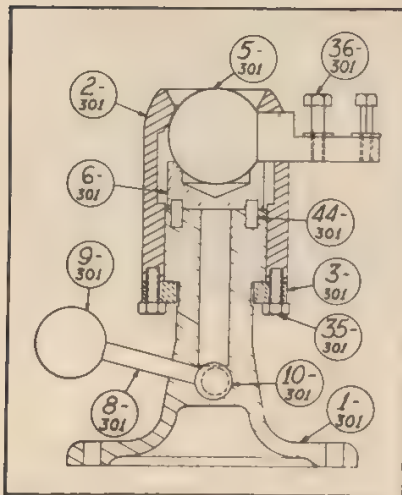


## Air Powered Hydraulic PowRarm

Power version of PowRarm No. 303 is connected to air supply through air-hydraulic booster and foot pedal. Locking and releasing is instantaneous upon pressing foot pedal. Capacity (at 100 lbs. air input) 105 lbs. work wght. at 12" radius. Price includes PowRarm, booster, foot pedal, and hoses.

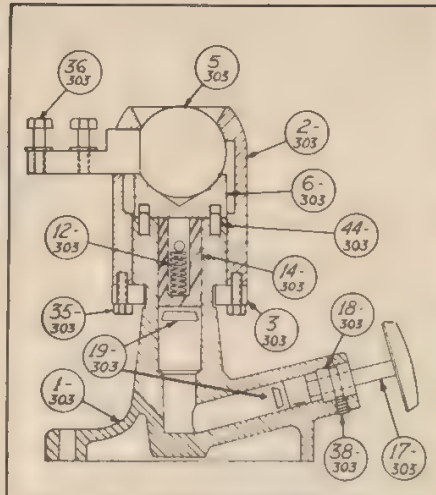
Catalog No. ....393  
Shipping Wght...46 lbs.  
Price, complete ..\$58.50

# POWRARM REPLACEMENT PARTS



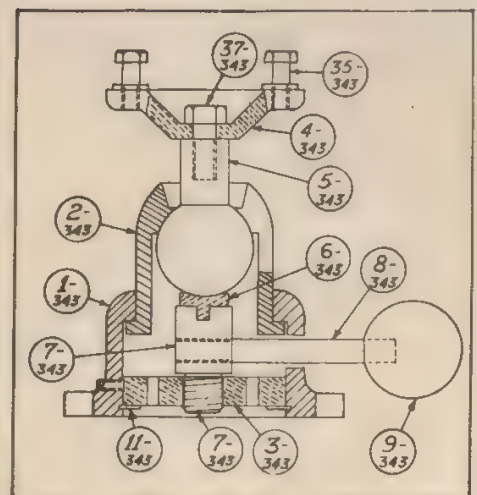
**Mechanical Powrarm No. 301**

Part	Description	Price
1-301	Base	\$11.20
2-301	Crown	7.40
3-301	Collar, pair	1.90
5-301	Steel Ball	6.45
6-301	Pad	1.90
8-301	Handle	.35
9-301	Knob	.35
10-301	Eccenter and Plunger	4.20
35-301	Collar Screws (2)	.20
36-301	Bolts, pair	.20
44-301	Pad Pins, pair	.30



**Hydraulic Powrarm No. 303**

Part	Description	Price
1-303	Base	14.35
2-303	Crown	7.40
3-303	Collars, pair	1.90
5-303	Steel Ball	6.45
6-303	Pad	1.90
14-303	Large Piston	2.75
17-303	Knob & Screw	1.45
18-303	Small Piston	.45
19-303	Rubber Cups (2)	1.60
35-303	Collar Screws (2)	.20
36-303	Bolts, pair	.20
38-303	Set Screw	.25
44-303	Pad Pins, pair	.30

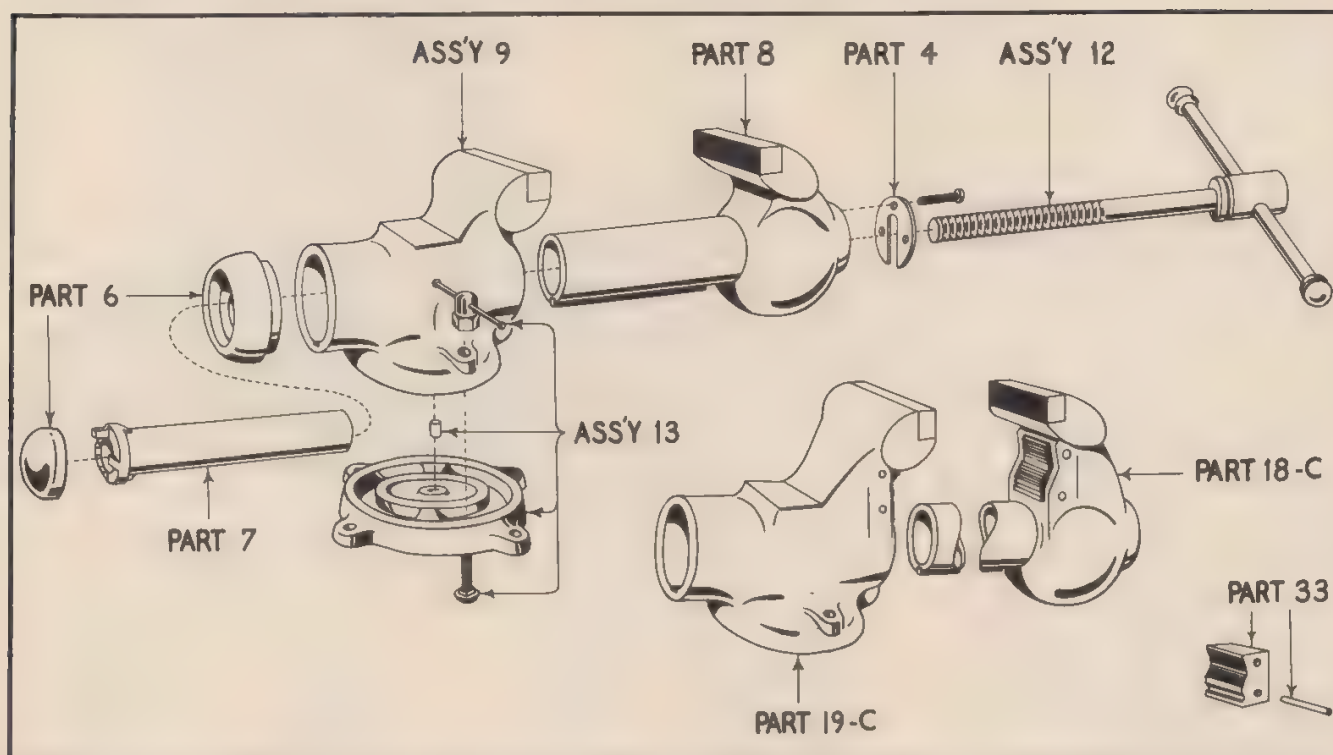


**Junior Powrarm No. 343**

Part	Description	Price
1-343	Base	\$4.80
2-343	Crown	3.30
3-343	Plate	2.35
4-343	Bracket	.95
5-343	Steel Ball	4.10
6-343	Pad	.85
7-343	Lock Screw	2.05
8-343	Handle	.35
9-343	Knob	.35
11-343	Spring	.45
35-343	Bolts, pair	.20
37-343	Cap Screw	.15



# VICE REPLACEMENT PARTS



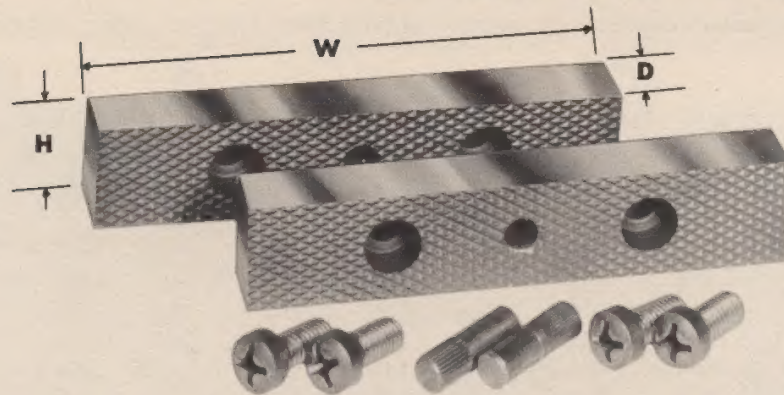
## for Wilton Machinists', "Export," and Jewelers' Vises

To fit Wilton Vise No.	Width of Vise Jaws	Part #4 Horseshoe Collar	Part #6 End Piece and Cap	Part #7 Main Sleeve Nut	Part #8 Movable Front Jaw	Assembly # 9 Main Body Complete	Part #12 Screw Spindle & Handle	Assembly #13 Swivel Base, Complete	Part #27 Slide-Bar Nuts, Pair	Part #CB Clamp Base (not illustrated)
250 (N or S)	2½"	\$ .75	\$1.15	\$2.05	\$ 4.75	\$ 4.60	\$2.60	\$ 4.41	\$1.30	\$7.40
300 (N or S)	3"	.85	1.40	2.40	5.90	5.70	3.50	6.00	1.40	
350 (N or S)	3½"	1.20	2.25	3.80	7.30	7.05	3.80	7.50	1.85	
400 (N or S)	4"	1.35	2.60	4.55	10.60	10.10	4.80	8.50	2.40	
450 (N or S)	4½"	1.70	3.40	4.85	14.15	13.60	5.80	9.00	2.40	
500 (N or S)	5"	1.90	3.90	5.30	18.80	17.80	6.65	20.00	3.60	
600 (N or S)	6"	2.60	5.10	6.20	31.45	29.40	8.55	26.00	4.40	
40 (N or S)	4"	1.20	2.25	3.80	9.10	8.85	3.80	6.75	1.85	
45 (N or S)	4½"	1.20	2.25	3.80	11.10	10.65	3.80	7.65	1.85	
20 (N or S)	2"	.65	.90	1.80	3.60	3.40	2.15	2.60	1.10	4.80

## for Combination Pipe & Bench Vises

To fit Combination Vise No.	Width of Vise Jaws	Part #4 Horseshoe Collar	Part #6 End Piece and Cap	Part #7 Main Sleeve Nut	Part #12 Screw Spindle	Assembly #13 Swivel Base Complete	Part #18-C Movable Front Jaw	Assembly #19-C Main Body Complete	Part #27 Slide-Bar Nuts (2) only	Part #33 Pipe Jaw
C-0 (CN-0)	3½"	\$1.25	\$2.35	\$3.60	\$3.95	\$ 6.90	\$ 9.90	\$14.45	\$2.20	\$ 6.95
C-1 (CN-1)	4½"	1.65	3.10	4.95	5.40	11.05	13.30	17.65	2.80	9.15
C-2 (CN-2)	5"	2.50	5.90	8.05	8.35	19.80	23.60	26.85	3.70	11.20

# WILTON VISE JAWS



## SELECTING THE PROPER JAW

Wilton Vises have available a variety of jaw types. The standard jaw is serrated hardened steel. For occasional work on finely finished surfaces, brass jaw caps are desirable. For continuous work on soft or finished parts, we recommend soft steel, brass, or fibre jaws — the softer or finer the work, the softer a jaw material should be selected.

## HOW TO ORDER

Recent design changes in the Wilton Vise make it important to include enough information with your jaw order. To help us send you the right jaw the first time, please include the following:

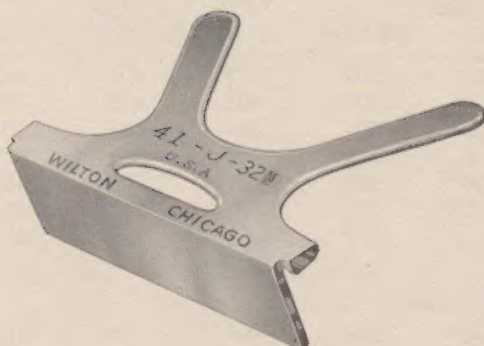
- Catalog number and description of jaw material
- All 3 dimensions (width, height and depth) as shown above

## FOR WILTON MACHINISTS' AND JEWELERS' VISES

Replacement Jaws Part No. (per Pair)	Width of Vise Jaws	2"	2½"	3"	3½"	4"	4½"	5"	6"
	To fit Wilton Vise No.	20	250	300	350	400	450	500	600
10 (a) — Steel, diamond serrated, hardened		\$2.30	\$2.60	\$3.10	\$3.60	\$4.40	\$5.15	\$6.60	\$8.10
10 (b) — Steel, smooth, hard or soft		2.30	2.60	3.10	3.60	4.40	5.15	6.60	8.10
10 (d) — Brass or copper, smooth		2.70	3.25	3.80	4.30	5.35	6.30	7.90	9.55
10 (e) — Plastic fibre, smooth		2.10	2.40	2.85	3.30	4.10	4.80	6.05	7.25

## FOR WILTON COMBINATION PIPE AND BENCH VISES

To fit Wilton Vise No.	C-0	C-1	C-2
10 (a) — Steel, diamond serrated, hardened	\$4.65	\$6.20	\$7.60
10 (b) — Steel, smooth, hard or soft	4.65	6.20	7.60
10 (d) — Brass or copper, smooth	6.65	8.10	9.40



## BRASS AND COPPER JAW CAPS

Jaw caps are of universal design and will fit equally well on any make of vise. Jaw faces are heavy gauge, solid metal. Extensions are pliable, will bend around contour of vise. When ordering specify either catalog number or width of the vise jaw.

Catalog No. of Jaw Caps	404-2	404-25	404-3	404-35	404-4	404-45	404-5	404-6
Width of jaws	2"	2½"	3"	3½"	4"	4½"	5"	6"
List Price, per pair	\$2.40	\$2.80	\$3.20	\$3.80	\$4.15	\$4.95	\$6.15	\$9.94

# CHART OF CORRESPONDING CATALOG NUMBERS

This comparative chart was compiled for the convenience of buyers without any intent to draw a comparison. Blank spaces indicate that to the best of our knowledge no competitive makes are available.

## MACHINIST VISES — SWIVEL BASE

Jaw Width	WILTON	Amer. Scale	Athol	Columbian	Hol-lands	Morgan	Parker Eclipse	Prentiss	Reed	Simplex	Yost
2"	20S, 20SA	---	-----	-----	-----	-----	-----	-----	-----	-----	-----
2½"	250S	---	-----	-----	-----	-----	-----	-----	-----	-----	-----
3"	300S	61	623	603	23	130	973	263	203	31S	203
3½"	350S	62	623½	603½	23½	135	973½	263½	203½	33S	203½
4"	400S	63	624	604	24	140	974	264	204	41S	204
4½"	450S	64	624½	604½	24½	145	974½	264½	204½	43S	204½
5"	500S	65	625	605	25	150	975	265	205	51S	205
6"	600S	66	626	606	26	160	976	266	206	61S	206
8"	800S	68	628	608	28	180	978	268½	208	81S	208

## MACHINIST VISES — STATIONARY BASE

2"	20N, 20NA	---	-----	-----	-----	-----	-----	-----	-----	-----	-----
2½"	250N	---	-----	-----	-----	-----	-----	-----	-----	-----	-----
3"	300N	51	613	503	13	30	953	253	103	31P	103
3½"	350N	52	613½	503½	13½	35	953½	253½	103½	33P	103½
4"	400N	53	614	504	14	40	954	254	104	41P	104
4½"	450N	54	614½	504½	14½	45	954½	254½	104½	43P	104½
5"	500N	55	615	505	15	50	955	255	105	51P	105
6"	600N	56	616	506	16	60	956	256	106	61P	106
8"	800N	58	618	508	18	80	958	258½	108	81P	108

## COMBINATION PIPE AND BENCH VISES

3½"	C-0	22A	323½X	203½	-----	87	433½	353½	1C	CP33	31
4½"	C-1	23A	324½X	204½	53½	88	434½	354½	2C	CP43	32
5"	C-2	24A	325X	205	54	288½	435	355	3C	-----	33
6"	C-3	25A	326X	206	56	289½	436	356	4C	CP53	34C
3½"	CN-0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
4½"	CN-1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
5"	CN-2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

## HINGED PIPE VISES

Pipe Capacity	WILTON	Athol	Columbian	Morgan	Reed	Parker	Simplex
⅝-1¼"	51	---	16X	---	00	---	---
⅝-2"	52	212	160	2M	0	180	12
⅝-2½"	53	212½	161	4M	1	181	12½
⅝-3½"	54	213½	162	6M	2	182	13½
⅝-4½"	55	214½	163	8M	3	183	14½

## WOODWORKERS' VISES

Jaw Dimensions	WILTON	Athol	Columbian	Morgan	Reed	Parker	Simplex
4x7"	61	---	5CD	10A	---	25W	W-7-C
4x10"	62	---	3CD	20A	---	26W	W-10-C
4x7"	61S	---	5CD-S	210A	---	25S	W-7-CDS
4x10"	62S	---	3CD-S	220A	---	26S	W-10-CDS
4x7"	63	---	1RD	100A	---	445W	W-7
4x10"	64	---	9RD	200A	---	446W	W-10

## C-CLAMPS

Lt. duty Size	WILTON	Armstrong	Billings & Spencer	Williams
0-2"	502	402	402	402
0-3"	503	403	403	403
0-4"	504	404	404	404
0-6"	506	406	406	406
2-8"	508	408	408	408
2-10"	510	410	410	410
4-12"	512	412	412	412
Hvy. duty				
0-4"	904	104	104	104
2-6"	906	106	106	106
4-8"	908	108	108	108
6-10"	910	110	110	110
8-12"	912	112	112	112

## TERMS OF SALE

**WILTON PRODUCTS** are sold through wholesale distributors only.

**NET PRICES**, cash discounts and freight terms appear in published discount sheets. Prices are subject to change without notice.

**DISTRIBUTION** limited in line with published general sales policy. Copy will be supplied on request.

## GUARANTEE POLICY

**ALL WILTON PRODUCTS** are guaranteed against defective materials and poor workmanship. In addition, certain Wilton products carry more inclusive guarantees as follows:

WILTON Machinists' Bench Vises, Combination Bench and Pipe Vises, Jewelers' Vises .....	Unconditional five year guarantee unless abused. (Expiration date is stamped on each vise.)
WILTON C-clamps .....	Unconditional guarantee unless abused.
WILTON PowRarm Positioners.....	Unconditional one year guarantee unless abused.
WILTON CADET Mechanic's Vises.....	Unconditional one year guarantee unless abused. (Expiration date is stamped on each vise.)
WiltOmatic Power Bench Vises	
Vise body only.....	Unconditional five year guarantee unless abused. (Expiration date is stamped on each vise.)
WiltOmatic Air-Hydraulic System.....	All parts warranted for 60 days.

**RETURNED GOODS** must be shipped by freight prepaid. None will be accepted unless prior authorization issued. We reserve the right to charge back outbound freight if originally prepaid by us.



### PATENT AND TRADE MARK REGISTRATIONS

#### WILTON Vises:

Machinists' Bench Vises Combination Bench and Pipe Vises Jewelers' Vises .....	U.S. Design Pat. No. 131498 Trade Mark Registered
WILTOMATIC Bench Vises.....	Patents Pending Trade Mark Registered
TORCO Bench Vises.....	U.S. Design Pat. No. 154001 Trade Mark Registered
SHOP KING Vises.....	U.S. Design Pat. No. 164143 Trade Mark Registered
SCOUT Vises .....	Trade Mark Registered
JUNO Vises .....	Trade Mark Registered
POWRARM Positioners .....	U.S. Pat. No. 2354937 U.S. Pat. No. 2559925 and foreign patents

**WILTON TOOL MFG. CO., INC.**  
941 WRIGHTWOOD AVE. • CHICAGO 14, ILL., U.S.A.

PRINTED IN U.S.A.

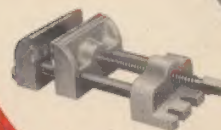
# WILTON

THE FINEST  
NAME IN VISES

MACHINISTS' VISES



MACHINE VISES



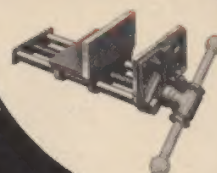
JEWELERS' VISES



MECHANICS' VISES



WOODWORKERS' VISES



COMBINATION VISES



AUTHORIZED WILTON DISTRIBUTOR:

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Chicago 14, Illinois, U.S.A.*

DISTRICT SALES OFFICES

*10 Murray Street  
New York 7, N. Y.  
PHONE: BArkley 7-7874*

*3055 Wilshire Blvd.  
Los Angeles 5, California  
PHONE: DUnkirk 2-2255*